

BULLETIN
OF
AMHERST COLLEGE

Annual Catalogue

1947-1948

Volume 37

Number 3

December, 1947

BULLETIN
OF
AMHERST COLLEGE



Annual Catalogue
1947-1948

Volume 37

December, 1947

Number 3

AMHERST COLLEGE BULLETIN

Published in October, November, December and May
by Amherst College, Amherst, Massachusetts

Entered as second-class matter at the Post Office at Amherst, Massachusetts
under the Act of August 24, 1912.

VOLUME 37

DECEMBER 1947

NUMBER 3

Contents

CALENDAR	4
COLLEGE CALENDAR	5
OFFICERS OF THE COLLEGE	7
AMHERST—A LIBERAL COLLEGE.....	18
THE FOLGER SHAKESPEARE LIBRARY.....	20
I. GENERAL INFORMATION	23
Admission	25
Administration	29
Tuition and Fees	32
Scholarships and Beneficiary Aid.....	34
Degrees	36
II. COURSES OF STUDY	39
Courses of Instruction by Departments.....	41
III. LECTURESHIPS, HONORS, FELLOWSHIPS, PRIZES AND AWARDS	89
Lectureships	91
Honors	92
Fellowships	94
Prizes and Awards	99
Degrees Conferred	108
IV. THE ALUMNI ASSOCIATIONS	115
APPENDICES	123
I. Amherst College	125
II. Summary of Enrollment, 1947-48	126
III. Scholarship Funds	127
INDEX	131

1947

JULY						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..

AUGUST						
S	M	T	W	T	F	S
..	..	..	..	1	2	..
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

SEPTEMBER						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..

OCTOBER						
S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..

NOVEMBER						
S	M	T	W	T	F	S
..	2	3	4	5	6	1
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..

DECEMBER						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..

1948

JANUARY						
S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..

FEBRUARY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	..	..	..	..	..	..
..

MARCH						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..

APRIL						
S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..
..

MAY						
S	M	T	W	T	F	S
..	2	3	4	5	6	1
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
31	..	..	..	..	..	..

JUNE						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..
..

JULY						
S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..

AUGUST						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..

SEPTEMBER						
S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..
..

OCTOBER						
S	M	T	W	T	F	S
..	..	..	..	1	2	..
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

NOVEMBER						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..

DECEMBER						
S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..

1949

JANUARY						
S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

FEBRUARY						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	..	..	..	..	..
..

MARCH						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..

APRIL						
S	M	T	W	T	F	S
..	..	..	..	1	2	..
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
..

MAY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..

JUNE						
S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..
..

College Calendar

1947

SEPT. 23	<i>Tuesday</i>	Freshmen arrive before 10:00 pm
SEPT. 29	<i>Monday, 2:00 pm</i>	Opening chapel for three upper classes
SEPT. 30	<i>Tuesday, 7:50 am</i>	Fall Semester begins
NOV. 8	<i>Saturday</i>	Alumni Council Meeting, a holiday
NOV. 15	<i>Saturday</i>	Williams Football Game, a holiday
NOV. 26	<i>Wednesday, 12:40 pm</i>	Beginning of Thanksgiving Recess
DEC. 1	<i>Monday, 7:50 am</i>	End of Thanksgiving Recess
DEC. 20	<i>Saturday, 12:40 pm</i>	Beginning of Christmas Recess

1948

JAN. 5	<i>Monday, 7:50 am</i>	End of Christmas Recess
JAN. 28	<i>Wednesday</i>	Fall Semester Examination Period
	through	
FEB. 7	<i>Saturday</i>	
FEB. 9	<i>Monday, 7:50 am</i>	Beginning of Spring Semester
MAR. 27	<i>Saturday, 12:40 pm</i>	Beginning of Spring Recess
APR. 12	<i>Monday, 7:50 am</i>	End of Spring Recess
MAY 15	<i>Saturday</i>	College Prom, a holiday
MAY 31	<i>Monday</i>	Memorial Day, a holiday
JUNE 7	<i>Monday</i>	Spring Semester Examination Period
	through	
JUNE 16	<i>Wednesday</i>	
JUNE 20	<i>Sunday</i>	Commencement
SEPT. 27	<i>Monday, 2:00 pm</i>	Beginning of Fall Semester
OCT. 23	<i>Saturday</i>	Wesleyan Football Game, a holiday
NOV. 13	<i>Saturday</i>	Williams Football Game, a holiday
NOV. 24	<i>Wednesday, 12:40 pm</i>	Beginning of Thanksgiving Recess
NOV. 29	<i>Monday, 7:50 am</i>	End of Thanksgiving Recess
DEC. 18	<i>Saturday, 12:40 pm</i>	Beginning of Christmas Vacation

1949

JAN. 3	<i>Monday, 7:50 am</i>	End of Christmas Vacation
JAN. 26	<i>Wednesday</i>	Fall Semester Examination Period
	through	
FEB. 5	<i>Saturday</i>	
FEB. 7	<i>Monday, 7:50 am</i>	Beginning of Spring Semester
MAR. 26	<i>Saturday, 11:50 am</i>	Beginning of Spring Recess
APR. 11	<i>Monday, 7:50 am</i>	End of Spring Recess
MAY 30	<i>Monday</i>	Memorial Day, a holiday
JUNE 6	<i>Monday</i>	Spring Semester Examination Period
	through	
JUNE 15	<i>Wednesday</i>	
JUNE 19	<i>Sunday</i>	Commencement

Officers of the College

The Corporation

ALFRED ERNEST STEARNS, LITT.D., L.H.D., LL.D.	Boston, Mass.
<i>Chairman of the Corporation</i>	
CHARLES WOOLSEY COLE, PH.D., L.H.D., LL.D.	Amherst, Mass.
<i>President of the College</i>	
PAUL DYESS WEATHERS, M.B.A.	Amherst, Mass.
<i>Treasurer of the Corporation</i>	
ARTHUR LEE KINSOLVING, D.D.	New York, N. Y.
GEORGE EDWIN PIERCE, B.A.	Boston, Mass.
LEWIS WILLIAMS DOUGLAS, LL.D.	Phoenix, Ariz.
EUSTACE SELIGMAN, LL.B.	New York, N. Y.
FRANK LEAROYD BOYDEN, L.H.D., LL.D.	Deerfield, Mass.
FREDERICK SAYWARD FALES, B.A.	New Rochelle, N. Y.
HENRY SELDEN KINGMAN, B.A.	Minneapolis, Minn.
FRANCIS T. P. PLIMPTON, LL.B.	New York, N. Y.
CHARLES BELCHER RUGG, M.A., LL.B.	Boston, Mass.
*WILLARD LONG THORP, LL.D.	Washington, D. C.
*RICHMOND MAYO-SMITH, B.A.	Dedham, Mass.
*CLARENCE FRANCIS, B.S.	New York, N. Y.
*EDWARD WILLIAMS EAMES, L.H.D.	South Byfield, Mass.
*RICHARD HARRINGTON GREGORY, B.A.	Montclair, N. J.
*JOHN JAY MCCLOY, LL.D.	Washington, D. C.

JAMES ALFRED GUEST, LL.B.	Amherst, Mass.
<i>Secretary of the Corporation pro tempore</i>	

PRESIDENT EMERITUS AND TRUSTEE EMERITUS†

STANLEY KING, LL.D.	Amherst, Mass.
---------------------	----------------

TRUSTEE EMERITUS†

ROBERT WASHBURN MAYNARD, LL.B.	Boston, Mass.
--------------------------------	---------------

* The terms of the Alumni Trustees expire as follows: WILLARD LONG THORP, 1948; RICHMOND MAYO-SMITH, 1949; CLARENCE FRANCIS, 1950; EDWARD WILLIAMS EAMES, 1951; RICHARD HARRINGTON GREGORY, 1952; JOHN JAY MCCLOY, 1953.

† A life trustee who resigns shall be eligible for election by the Board of Trustees as trustee emeritus if in the opinion of the Board of Trustees he shall have rendered outstanding service to the College during his trusteeship. A trustee emeritus shall have all the privileges of a member of the Board except that of voting at the meetings of the Board or of serving as a member of a standing committee. The trustees emeriti shall retain the processional order which they held at the time of their retirement. (Adopted by the Board of Trustees of Amherst College, January 17, 1943.)

Committees of the Corporation

The Chairman of the Corporation and the President of the College are members, *ex officiis*, of all committees.

Executive: Messrs. BOYDEN, FALES (Chairman), FRANCIS, GREGORY, McCLOY, MAYO-SMITH, PLIMPTON, RUGG, SELIGMAN, WEATHERS.

Finance: Messrs. FALES, GREGORY, KINGMAN, PIERCE (Chairman), RUGG, THORP, WEATHERS.

Budget: Messrs. EAMES, FRANCIS, GREGORY, PIERCE, RUGG (Chairman), THORP, WEATHERS.

Instruction: Messrs. BOYDEN, DOUGLAS, EAMES, KINSOLVING, McCLOY, MAYO-SMITH, PLIMPTON (Chairman), SELIGMAN, THORP.

Buildings and Grounds: Messrs. BOYDEN, FALES, GREGORY, KINGMAN, MAYO-SMITH (Chairman), WEATHERS.

Honorary Degrees: Messrs. BOYDEN (Chairman), DOUGLAS, KINSOLVING, PLIMPTON.

Folger Shakespeare Library: Messrs. FALES, GREGORY, KINSOLVING, McCLOY, SELIGMAN (Chairman), WEATHERS.

Joseph B. Eastman Foundation: Messrs. DOUGLAS, FALES, KINGMAN, McCLOY, RUGG (Chairman).

Fraternities: Messrs. GREGORY (Chairman), MAYO-SMITH, PLIMPTON, RUGG.

Officers of Administration

CHARLES WOOLSEY COLE, PH.D., L.H.D., LL.D.

President

CHARLES SCOTT PORTER, M.A.

Dean

EUGENE SMITH WILSON, JR., B.A.

Associate Dean and Director of Admission

THEODORE SPAULDING BACON, JR., B.A.

Assistant Dean and Assistant Director of Admission

GLADYS ALICE KIMBALL, B.S.

Recorder

PAUL DYESS WEATHERS, M.B.A.

Treasurer

HERBERT GALE JOHNSON, B.A.

Comptroller

HENRY BANGS THACHER, M.A. *Superintendent of Buildings and Grounds*

GORDON BENJAMIN BRIDGES

Director of Dining Halls and Director of Personnel

JOHN BOWEN COBURN, B.D.

Chaplain

ROBERT MCAFEE BROWN, B.D.

Assistant Chaplain

LLOYD PAUL JORDAN, M.A.

Director of Intercollegiate Athletics

EDWARD JONES MANWELL, M.D.

College Physician

STEPHEN BROWN, M.D.

Associate College Physician

HUGH TATLOCK, M.D.

Associate College Physician

JAMES ALFRED GUEST, LL.B.

Secretary of the Alumni Council

HORACE WILSON HEWLETT, M.A.

Director of Public Relations

ARTHUR DAVENPORT, B.A.

Fraternity Business Manager and Business Advisor to Student Activities

Faculty

CHARLES WOOLSEY COLE, PH.D., L.H.D., LL.D. *President of the College*
 CHARLES SCOTT PORTER, M.A. *Dean of the College*
 EUGENE SMITH WILSON, JR., B.A.

Associate Dean and Director of Admission

THEODORE SPAULDING BACON, JR., B.A.
Assistant Dean and Assistant Director of Admission

STANLEY KING, LL.D. *President of the College, Emeritus*

The faculty is arranged alphabetically in rank

ARTHUR HENRY BAXTER, PH.D.
Professor of Romance Languages, Emeritus

CHARLES WIGGINS COBB, PH.D. *Professor of Mathematics, Emeritus*

HOWARD WATERS DOUGHTY, PH.D.
Massachusetts Professor of Chemistry, Emeritus

CLARENCE WILLIS EASTMAN, PH.D.
Professor of German Language and Literature, Emeritus

THOMAS CUSHING ESTY, LL.D.
Walker Professor of Mathematics, Emeritus

ROBERT STILLMAN FLETCHER, B.A. *Otis Librarian, Emeritus*

ALFRED SHEPARD GOODALE, B.A. *Associate Professor of Botany, Emeritus*

WILLIAM TINGLE ROWLAND, PH.D. *Professor of Latin, Emeritus*

JOSEPH OSGOOD THOMPSON, PH.D. *Professor of Physics, Emeritus*

SAMUEL ROBINSON WILLIAMS, PH.D., SC.D. *Professor of Physics*
on the Eliza J. Clark Folger Foundation, Emeritus

GEOFFROY ATKINSON, PH.D. *Professor of Romance Languages*

GEORGE WILLIAM BAIN, PH.D.
Samuel A. Hitchcock Professor of Mineralogy and Geology

THEODORE BAIRD, PH.D. *Samuel Williston Professor of English*

RALPH ALONZO BEEBE, PH.D. *Massachusetts Professor of Chemistry*

BAILEY LEFEVRE BROWN, M.A. *Professor of Mathematics*

FAYETTE CURTIS CANFIELD, B.A. *Professor of Dramatics,*
and Director of the Kirby Memorial Theater

LESTER VERNON CHANDLER, PH.D. *Professor of Economics*

GEORGE ROY ELLIOTT, PH.D., LITT.D.
Professor of English on the Henry C. Folger Foundation

*FRANCIS HOWARD FOBES, PH.D. *Class of 1880 Professor of Greek*

* Absent on leave for the year.

- GEORGE BANKS FUNNELL, M.A. *Professor of French*
 STEWART LEE GARRISON, M.A. *Professor of English and Public Speaking*
 OTTO CHARLES GLASER, PH.D. *Professor of Biology on the Edward S. Harkness Foundation*
 WARREN KIMBALL GREEN, PH.D. *Professor of Astronomy, Director
of the Observatory on the Sidney Dillon Foundation, and Marshal*
 LLOYD PAUL JORDAN, M.A. *Professor of Physical Education and
Director of Intercollegiate Athletics*
 GAIL KENNEDY, PH.D. *Professor of Philosophy*
 STERLING POWER LAMPRECHT, PH.D. *Professor of Philosophy*
 KARL LOEWENSTEIN, D.C.L. *Professor of Political Science and Jurisprudence*
 ALBERT ERNEST LUMLEY, M.A. *Professor of Physical Education*
 OTTO MANTHEY-ZORN, PH.D. *Professor of German on the Emily C. Jordan Folger Foundation*
 ALLISON WILSON MARSH, M.ED. *Professor of Hygiene and
Physical Education and Director of the Gymnasium*
 CHARLES HILL MORGAN, PH.D. *Professor of Fine Arts on the William R. Mead Foundation*
 VINCENT MORGAN, MUS.M. *Professor of Music*
 WILLIAM JESSE NEWLIN, M.A. *Professor of Philosophy and
Mathematics*
 LAURENCE BRADFORD PACKARD, PH.D. *Anson D. Morse Professor of History*
 HAROLD HENRY PLOUGH, PH.D. *Rufus Tyler Lincoln Professor of Biology*
 EDWARD DWIGHT SALMON, PH.D. *Winkley Professor of History*
 OSCAR EMILE SCHOTTÉ, SC.D. *Professor of Biology*
 CHARLES LAWTON SHERMAN, PH.D. *Professor of History and Political Science*
 THEODORE SOLLER, PH.D. *Professor of Physics*
 ATHERTON HALL SPRAGUE, PH.D. *Professor of Mathematics*
 WILLIAM WARREN STIFLER, PH.D. *Professor of Physics*
 *GEORGE ROGERS TAYLOR, PH.D. *Professor of Economics*
 CHARLES HANSEN TOLL, PH.D. *Professor of Philosophy and Psychology*
 FREDERICK KING TURGEON, PH.D. *Professor of French*
 *COLSTON ESTEY WARNE, PH.D. *Professor of Economics*
 GEORGE FRISBIE WHICHER, PH.D. *Professor of English on the Frank L. Babbott Endowment*
 ROBERT BYRON WHITNEY, PH.D. *Professor of Chemistry*
 RALPH COPLESTONE WILLIAMS, PH.D. *Professor of French*

* Absent on leave for the second semester.

REUBEN ARTHUR BROWER, PH.D.

John C. Newton Associate Professor of Greek and English

STEPHEN BROWN, M.D.

Associate College Physician

PHILIP HALL COOMBS, B.A.

Associate Professor of Economics

PAUL WITHERSPOON ECKLEY, B.A.

*Associate Professor of Physical
Education*

*REGINALD FOSTER FRENCH, PH.D.

Associate Professor of Romance Languages

DAVID CALDWELL GRAHAME, PH.D.

Associate Professor of Chemistry

JOHN SCOVILLE HALL, PH.D.

Associate Professor of Astronomy and Physics

ALFRED FREEMAN HAVIGHURST, PH.D.

Associate Professor of History

HENRY MADISON KENDALL, PH.D.

Associate Professor of Geography

MANFORD VAUGHN KERN, M.A.

Associate Professor of Classics

GEORGE WALLACE KIDDER, PH.D.

Associate Professor of Biology

THEODORE KOESTER, PH.D.

Associate Professor of Psychology

NEWTON FELCH McKEON, JR., B.A.

*Associate Professor of English
and Director of Converse Memorial Library*

EDWARD JONES MANWELL, M.D.

College Physician

JAMES ALFRED MARTIN, JR., PH.D.

Associate Professor of Religion

FRED B. PHLEGER, JR., PH.D.

Associate Professor of Geology

EDWIN CHARLES ROZWENC, PH.D.

Associate Professor of History

ANTHONY SCENNA, PH.D.

Associate Professor of German

BENJAMIN MUNN ZIEGLER, LL.B., PH.D.

Associate Professor of Political Science

CÉSAR LOMBARDI BARBER, B.A.

Assistant Professor of English

GORDON MARSH BENEDICT, PH.D.

Assistant Professor of History

ROBERT HERMANN BREUSCH, PH.D.

Assistant Professor of Mathematics and Physics

JOHN BOWEN COBURN, B.D.

Chaplain

GEORGE ARMOUR CRAIG, M.A.

Assistant Professor of English

WILLIAM MARTIN FAIRBANK, M.S.

Assistant Professor of Physics

LYNE STARLING FEW, M.A.

Assistant Professor of Philosophy and the Humanities

ALLEN AUSTIN GILMORE, PH.D.

Assistant Professor of History

FREDERICK GEORGE GRAFF, M.A.

Assistant Professor of Mathematics

FRED WILSON JEANS, M.A.

Assistant Professor of Romance Languages

WINTHROP OTIS JUDKINS, M.A.

Assistant Professor of Fine Arts

JOSEPH KATZ, M.A.

Assistant Professor of Philosophy

MICHAEL JOSEPH KENNEDY

*Assistant Professor of Physical
Education and Assistant Director of the Gymnasium*

MELVIN KRANZBERG, PH.D.	<i>Assistant Professor of History</i>
RALPH CLELAND MCGOUN, JR., M.A.	<i>Assistant Professor of Dramatics</i>
GAIL KEITH MEADOWS, PH.D.	<i>Assistant Professor of Romance Languages</i>
HENRY GEORGE MISHKIN, PH.D.	<i>Assistant Professor of Music</i>
BRUCE ROBERT MORRIS, PH.D.	<i>Assistant Professor of Economics</i>
KENNETH LOUDEN ORMISTON, B.S.	<i>Assistant Professor of Physical Education</i>
ELLSWORTH ELLIOTT RICHARDSON, M.A.	<i>Assistant Professor of Physical Education</i>
CHARLES ENSIGN ROGERS, M.A.	<i>Assistant Professor of Fine Arts and Dramatics</i>
STEVEN MARTIN ROSTAS, M.ED.	<i>Assistant Professor of Physical Education</i>
HUGH TATLOCK, M.D.	<i>Associate College Physician</i>
DAVID TODD, PH.D.	<i>Assistant Professor of Chemistry</i>
ALBERT ELMER WOOD, PH.D.	<i>Assistant Professor of Biology</i>
ROBERT FORSYTHE YOUNG, M.A.	<i>Assistant Professor of Public Speaking</i>
PAUL KURT ACKERMANN, B.A.	<i>Instructor in German</i>
EDWARD AMES, M.A.	<i>Instructor in Economics</i>
BRUCE BUZZELL BENSON, PH.D.	<i>Instructor in Physics</i>
ROBERT MCAFEE BROWN, B.D.	<i>Assistant Chaplain</i>
*OTIS CARY, B.A.	
RICHARD DENTON, M.A.	<i>Instructor in English</i>
ERNEST SANFORD DIX, B.S.	<i>Instructor in Geography</i>
WILLIAM LEIGHTON ECK, B.S.	<i>Instructor in Physical Education</i>
WILLIAM WALKER GIBSON, JR., M.A.	<i>Instructor in English</i>
FRANK LAURENCE GILLESPIE	<i>Instructor in Physical Education</i>
CONRAD JOSEPH HEMOND, JR., M.S.	<i>Instructor in Physics</i>
TAYLOR HINTON, PH.D.	<i>Instructor in Biology</i>
JOHN THAYER HITCHCOCK, M.A.	<i>Instructor in English</i>
MAURICE JEROME KLAIN, M.A.	<i>Instructor in Political Science</i>
ROBERT PETER LARSEN, B.A.	<i>Instructor in Chemistry</i>
MORRIS VAN VOORHEES LLOYD, M.A.	<i>Instructor in Psychology</i>
JOHN ANDREW MOORE, M.A.	<i>Instructor in Classics and the Humanities</i>
MURRAY BISBEE PEPPARD, M.A.	<i>Instructor in German</i>
JOSEPH CURD ROGERS, B.A.	<i>Instructor in Physical Education</i>
HERBERT DUNCAN ROLLASON, JR., M.A.	<i>Instructor in Biology</i>
FRANCIS CUSHMAN ST. JOHN, M.A.	<i>Instructor in Spanish</i>
WILLIAM ROBERT TAYLOR, B.A.	<i>Instructor in English</i>
RICHARD GILMAN VAN PETERSILGE	<i>Instructor in Physical Education</i>
PEREZ DE SOLA ZAGORIN, M.A.	<i>Instructor in History</i>

* Serving at Doshicha University, Kyoto, Japan.

Associate

PHILIP TRUMAN IVES, PH.D.

Research Associate in Biology

Assistants

RICHARD GUILDFORD BATESON	<i>Economics</i>
KATE DREYFUSS BREUSCH	<i>German</i>
DONALD HARTWELL BUCKLIN, B.A.	<i>Biology</i>
RICHARD CORSO DONATI	<i>Romance Languages</i>
HENRY FREDERICK DUNBAR, JR., B.A.	<i>Physical Education</i>
SELVA LARRAMENDI FRAKER, B.M.	<i>Spanish</i>
RUFUS CLINTON FULLER, III, B.A.	<i>Economics</i>
JEAN BALLANTYNE GERHARDT, B.A.	<i>Economics</i>
HOWARD EDGAR GROUT, B.S.	<i>Biology</i>
JOHN CLIFFORD HERBST, JR.	<i>Geography</i>
JORGE NORMAN GOMEZ-HOOVER	<i>Spanish</i>
SAMUEL BARRY JENNINGS, JR., B.S.	<i>Physics</i>
JACQUE RAYMOND JOST, D.S.P.	<i>French</i>
ANN TORIAN BRADSHAW MARTIN, M.A., B.D.	<i>Religion</i>
CLAUDE ALBERT NAMY, B.A.	<i>French</i>
EDWARD CAHILL PARK, B.A.	<i>Physics</i>
STÉPHANIE REITMAN	<i>French</i>
EDWARD STANISLAUS WAJDA, B.S.	<i>Physics</i>
HELEN NIVISON YOUNG, B.A.	<i>Biology</i>

Fellows

LEO PETER ARNABOLDI, JR.	Yale University
<i>John Woodruff Simpson Fellow in Law</i>	
GEORGE GORDON BROOKS	Harvard University
<i>John Woodruff Simpson Fellow in Theology</i>	
DAVID TREDWELL CATTELL	Columbia University
<i>Amherst Memorial Fellow in International Affairs</i>	
CALVIN LEE DAMP	Princeton University
<i>Roswell Dwight Hitchcock Fellow in History</i>	
LOUIS ALDO DESANTI	Columbia University
<i>Amherst Memorial Fellow in Political Science</i>	

- THOMAS BONNER FLANAGAN Columbia University
Henry P. Field Fellow in English
- JULIAN HOWARD GIBBS Princeton University
John Woodruff Simpson Fellow in Chemistry
Forris Jewett Moore Fellow in Chemistry
- ALLEN AUSTIN GILMORE
Amherst Memorial Fellowship for study and travel in Europe
during the summer of 1947
- HYMAN EDWARD MECHABER Princeton University
Amherst Memorial Fellowship in History
- WILLIAM JOHN MORTIMER Cornell University
Amherst Memorial Fellow in History
- DONALD EUGENE MOSER Brown University
John Woodruff Simpson Fellow in Mathematics
- JAMES OLDS Harvard University
John Woodruff Simpson Fellow in Philosophy
- EDWARD FRANKLIN PERRY, JR. Harvard University
Amherst Memorial Fellow in History
- FRANK WEBBER POLAND, JR. Harvard University
John Woodruff Simpson Fellow in English
- SUMNER CHILTON POWELL Harvard University
Amherst Memorial Fellow in American Civilization
- WILLIAM CASE PRENTISS Brown University
Forris Jewett Moore Fellow in Chemistry
- HOWARD MARK ROELOFS Balliol College, Oxford University
Forris Jewett Moore Fellow in History
- JOHN IRVING SCOTT Harvard University
Forris Jewett Moore Fellow in Chemistry
- SCHUYLER LOOMIS SEWARD Columbia University
Forris Jewett Moore Fellowship in Philosophy
- HOWARD KAMBER SHAPAR Yale University
John Woodruff Simpson Fellow in Law
- GEORGE MACGREGOR WALLER Columbia University
Amherst Memorial Fellow in History
- WILLIAM BOLLING WHITESIDE Harvard University
Amherst Memorial Fellow in History
- THOMAS WILLIAM WILCOX Harvard University
John Woodruff Simpson Fellow in English
- PERRY ROBERTS WILLIAMS Yale University
Edward Poole Lay Fellow in Music
- FREDERICK SUMNER WILLIS Princeton University
Forris Jewett Moore Fellow in History

Amherst College Library

NEWTON FELCH McKEON, JR., B.A.

Director

ROBERT STILLMAN FLETCHER, B.A.

Otis Librarian, Emeritus

KATHARINE CONOVER COWLES, B.A.

Chief Cataloguer

E. PORTER DICKINSON

Assistant Head of Circulation

RUTH MARIE ERIT, B.A.

Order Librarian

VICTOR HENRY JOHNSON, B.A., B.S.L.S.

Head of Circulation

Natural History Museum of Amherst College

HAROLD HENRY PLOUGH, PH.D.

Curator of Zoölogy

GEORGE WILLIAM BAIN, PH.D.

Curator of Geology

RAYMOND EMIL SCHORTMANN

Assistant Curator of Geology

Snell Museum of Physics

THEODORE SOLLER, PH.D.

Director

Edward Hitchcock Memorial Room

RENA MARY DURKAN

Curator

Museum of Fine Arts

CHARLES HILL MORGAN, PH.D.

Director

ADVISORY COMMITTEE ON ACQUISITIONS

CHARLES HILL MORGAN, PH.D.

Amherst, Mass.

Professor of Fine Arts on the William R. Mead Foundation

CHARLES HENRY SAWYER, B.A.

Worcester, Mass.

Director of the Worcester Art Museum

JAMES KELLUM SMITH, L.H.D. '15

New York, N. Y.

President of the American Academy in Rome

FRANCIS HENRY TAYLOR, L.H.D.

New York, N. Y.

Director of the Metropolitan Museum of Art

PRESIDENT OF THE COLLEGE

Amherst, Mass.

ex-officio

Kirby Memorial Theater

FAYETTE CURTIS CANFIELD, B.A.

Director

CHARLES ENSIGN ROGERS, M.A.

Designer

RALPH CLELAND MCGOUN, JR., M.A.

Technical Director

Advisory Committee on Charitable Fund Awards

EDWIN BRADFORD ROBINSON, D.D.

Holyoke, Mass.

FRANK LEAROYD BOYDEN, L.H.D., LL.D.

Deerfield, Mass.

Amherst—A Liberal College

The doors of Amherst College were first opened to students in 1821. Planned by a group of devout men who felt the need for an institution in western Massachusetts which would train "indigent young men of piety and talents" for the Congregational ministry, the College was founded through many gifts—large and small—of land, money, materials, and labor contributed by generous residents of Amherst and surrounding communities. Zephaniah Swift Moore, President of Williams College, answered the trustees' call to become Amherst's first president. After considerable discussion and over formidable opposition, in 1825 the Massachusetts legislature granted a charter authorizing the College to award the bachelor of arts degree.

Men and times have changed in the century and a quarter since Amherst's founding. While most of its early students were residents of the neighboring towns and country-side, today they come from almost every state in the nation and from many foreign lands. Its physical plant and resources now make the College one of the most fully equipped institutions of its kind in the country. Classrooms, laboratories, libraries, dormitories, and athletic and recreational equipment provide each undergraduate with adequate facilities for study, leisure, and healthy living. Scholarship funds have been accumulated so that no worthy student need be denied the experience of an Amherst education through lack of money. But despite growth and change, Amherst still subscribes to the basic ideals and principles of its founders.

Amherst was founded as a small college, and so it intends to continue. It has no wish for a greater enrollment. It views its mission now, as it did a hundred and twenty-six years ago, to be that of an institution devoted to the individual student and his development. Though enrollment has increased from forty-seven undergraduates in Amherst's first year to a norm of eight hundred and fifty today, by contemporary standards the College is still small. Even with its present postwar enlargement, the ratio of teachers to students has been maintained at about one to ten.

Amherst has ever been and desires to remain a college of the liberal arts. Sciences, so necessary to an understanding of man and his environment, have been added to the curriculum, but always as part of a broad liberal education. A century ago the great majority of its students entered the ministry or followed a profession; today about fifty percent of Amherst's graduates go directly into business. Thorough preparation for many fields of graduate study is offered, but Amherst does not permit narrow, vocational subjects in any of its departments.

Amherst's faculty has always been one of its greatest sources of strength. Its members have been famous as teachers and distinguished as scholars. They are interested in growth outside as well as inside the classroom. While they may be involved in laboratory research or in the publication of books, they are at the same time an understanding, interested, friendly group of men to whom a student may turn for academic or personal guidance.

A sound key to the quality of a college's educational program lies in the record its graduates have made. Amherst is proud of the achievements of its sons: many have become clergymen, college presidents and scholars, business executives, journalists, and statesmen of high reputation. In government, for example, there have been a considerable number of Amherst men of national stature—a President of the United States, a Chief Justice of the Supreme Court, three speakers of the House of Representatives, Ambassadors to foreign states, a President of the International Bank, a Director of the Office of Defense Transportation. The most recent study of College graduates appearing in *Who's Who* showed Amherst second among American colleges in the percentage of alumni listed.

Though Amherst is proud of its heritage, it prefers to emphasize the importance of the present and to look forward toward the future. To-day's students will be tomorrow's leaders. Amherst feels that its curriculum in the liberal arts and its supplementary facilities for the undergraduate's all-around development offer young men a sound, purposeful education for life.

The Folger Shakespeare Library

By the will of the late HENRY CLAY FOLGER of the Class of 1879, there was bequeathed to the Trustees of Amherst College the Folger Shakespeare Memorial Library in Washington, D. C., together with an endowment for maintenance, later increased by the generosity of Mrs. FOLGER.

The building, located on East Capitol Street directly east of the Library of Congress, was erected at a cost of more than \$2,000,000. Its endowment now stands at nearly \$7,000,000, and its collections are valued at over \$2,500,000. On the Library's main floor are: an Exhibition Gallery with displays of rare books, manuscripts, paintings, and miscellaneous curios and works of art; an Auditorium in the form of a reproduction of the interior of an Elizabethan playhouse; a large Reading Room, representing a Tudor Banqueting Hall and hung with early tapestries; four Vaults, containing the rarest portions of the collections; a Reception Room for social purposes; and Administration Offices. On the second floor are: Private Studies for the use of visiting scholars; the Cataloguing and Bibliographical Room; the Photographic Laboratory; and a Wardrobe for theatrical costumes. On the third floor are stored the art collections and other museum material.

The Library concentrated its original collection largely upon the life, writings, and influence of William Shakespeare, but during the past two decades it has increased its rare books and manuscripts in related fields until today it has one of the largest collections in the world for the study of English history of the sixteenth and seventeenth centuries. Only the British Museum has a larger collection of early English books.

Under the plan of the Trustees of the College, in addition to maintaining its traditional interest in Shakespeare and English Renaissance literature, the Library will exploit other fields as well. Efforts will be made to expand it as an efficient laboratory of research and investigation. Aid and encouragement will be given literary and historical scholars capable of making the most significant use of the Library's great collection of source materials. It is further intended that the Library will develop the reference collections which scholars require for the efficient utilization of rare books and manuscripts.

Research facilities of the Library are not open to casual visitors, but permission to use them may be obtained by qualified scholars upon application to the Director. Interested individuals and groups are cordially invited to visit the FOLGER's public rooms.

FOLGER LIBRARY OFFICERS

JAMES GILMER McMANAWAY, PH.D.	<i>Acting Director</i>
GILES EDWIN DAWSON, PH.D.	<i>Curator of Books and Manuscripts</i>
EDWIN ELIOTT WILLOUGHBY, PH.D., LITT.D.	<i>Chief Bibliographer</i>
PAUL SHANER DUNKIN, B.S.L.S., PH.D.	<i>Senior Cataloguer</i>

TRUSTEE COMMITTEE

EUSTACE SELIGMAN, LL.B., <i>Chairman</i>
ALFRED ERNEST STEARNS, LITT.D., L.H.D., LL.D., <i>ex officio</i>
CHARLES WOOLSEY COLE, PH.D., L.H.D., LL.D., <i>ex officio</i>
FREDERICK SAYWARD FALES, B.A.
RICHARD HARRINGTON GREGORY, B.A.
ARTHUR LEE KINSOLVING, D.D.
JOHN JAY McCLOY, LL.D.
PAUL DYESS WEATHERS, M.B.A.

Louis Booker Wright, Ph.D., Litt.D., was elected Director of the Folger Library by the Trustees of Amherst College on October 25, 1947, effective July 1, 1948.

I

General Information

Admission

GENERAL STATEMENT

Admission to Amherst College is competitive. The College attempts to select for admission those applicants who seem best qualified to benefit from the opportunities offered by an Amherst education. The Committee on Admission, in judging the qualifications of applicants, pays particular attention to (1) academic performance in high school or preparatory school, (2) results of the College Entrance Examination Board Scholastic Aptitude and Achievement Tests, (3) the recommendation of the high school principal or headmaster, (4) evidence of a willingness to work, and (5) the character and health of the applicant. All freshmen admitted are candidates for the Bachelor of Arts degree.

HOW AND WHEN TO APPLY FOR ADMISSION

Correspondence regarding admission to the freshman class should be addressed to the Director of Admission, Amherst College, Amherst, Massachusetts. Each applicant for admission to the freshman class must file a formal application with the Director of Admission, preferably before February 1 of the year in which he expects to be admitted. Under certain circumstances, later applications will be considered. The formal application should be accompanied by a check or money order for \$5.00 made payable to *The Trustees of Amherst College*. This registration fee will not be refunded if the student withdraws his application or if his application is not acted upon favorably.

A preliminary application may be filed at any time prior to the applicant's senior year. Once this preliminary application has been filed and acknowledged, the College assumes the responsibility of forwarding all formal application forms at the proper time. No priority is given to early applications.

Entering students are admitted only at the beginning of the regular college year in September.

RECOMMENDED PREPARATION

The following minimum program of studies is recommended for students planning to enter Amherst College:

English	4 years
Mathematics	3 years
Foreign Language	2 years or, if possible, 3 years of one
History	1 year
Laboratory Science	1 year

It should be noted that the College stresses sound preparation in certain subjects which are important implements for the many branches of college work. English, mathematics, and foreign language (ancient or modern or both) are the subjects in which entering students should show proficiency.

Students with particular interests may wish to modify the suggested program by taking more work in certain subjects and less in others. Such modification is wholly acceptable, provided there is evidence of adequate preparation in the basic fields of English, mathematics, and foreign language. Any deviation should be discussed in advance with the Director of Admission.

SCHOLASTIC APTITUDE AND ACHIEVEMENT TESTS

All applicants for admission to the freshman class at Amherst are required to take certain tests given by the College Entrance Examination Board. Information on these tests may be obtained by writing the Amherst Admission Office.

The College Entrance Examination Board Tests are given four times a year, in April, June, August, and December. Applicants who are in their final year of preparatory work are expected to take the tests given in April. In special cases a student may take the tests in June or August but only with the approval of the Director of Admission. Applications for these examinations must be filed with the College Entrance Examination Board, Post Office Box 592, Princeton, New Jersey, at least a month prior to the date of the examination.

Information about these tests, location of examination centers, fees, etc., may be obtained by writing the College Entrance Examination Board, Box 592, Princeton, New Jersey.

REGENTS EXAMINATIONS

Applicants from the New York State public schools are expected to submit scores made on the Regents Examination in addition to the Scholastic Aptitude and Achievement Tests given by the College Entrance Examination Board.

VETERANS

About 50 per cent of the 1947-48 student body are veterans, the majority of them being former Amherst students whose education was interrupted by the war. Most of these men are in attendance under the G. I. Bill of Rights, which grants them tuition, board, and room at Government expense for a specific period depending on their length of service. Sixty married veteran students and their families are housed in Government-provided quarters in the "G. I. Village" on the campus or in apartments in the town.

Veterans attend classes and engage in all undergraduate activities on the same basis as civilian students.

ADMISSION OF VETERANS

Veterans applying for admission as Freshmen will, in general, be expected to fulfill the regular entrance requirements outlined above. Veteran applicants should direct inquiries to the Director of Admission.

SCHOLASTIC APTITUDE AND ACHIEVEMENT TESTS FOR VETERANS

All veteran applicants who are not currently in attendance at secondary school or college are required to take the Special Scholastic Aptitude Tests for Veterans as given by the College Entrance Examination Board. Applications for this test will be forwarded to the applicant for submittal to the Board, Box 592, Princeton, N. J.

Veterans in the final year of preparatory work are required to take the same tests given by the College Entrance Examination Board indicated on page 26.

Veterans who are applying in a transfer status are, in general, not required to take any tests.

PHOTOSTATS OF HONORABLE DISCHARGE AND RECORD OF SERVICE

Each veteran should submit with his application a photostat of his Honorable Discharge and Record of Service.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

Correspondence concerning admission of transfers should be addressed to C. Scott Porter, Dean.

To be eligible for transfer the candidate must meet the following requirements:

1. His credits must satisfy the full entrance requirements of Amherst College.
2. He must have completed creditably the work of at least one year in an institution of collegiate rank, and his general average at the institution he is leaving must correspond to or be better than the Amherst diploma average of seventy per cent.
3. He must present a statement of honorable dismissal.

Candidates for admission by transfer are admitted in September only. The Dean will forward on request the application form for admission by transfer of credits. Candidates should note that not more than ten trans-

fers are admitted to Amherst each year. In September, 1948, transfers will be admitted to the sophomore class only.

SPECIAL BOOKLET

A descriptive booklet entitled *This Is Amherst* may be had upon application to the *Director of Admission*.

COOPERATIVE ENGINEERING-SCIENCE PROGRAM WITH MASSACHUSETTS INSTITUTE OF TECHNOLOGY

In order to facilitate the combination of a liberal arts course with education in science and engineering, Amherst College has entered into a cooperative arrangement with the Massachusetts Institute of Technology. Under this arrangement, and by properly planning his studies, a student of high standing may pursue a combined five-years' program in which the first three years are spent at Amherst College and the last two at the Institute, leading to the degree of Bachelor of Arts from the College and to that of Bachelor of Science from the Institute upon completion of the combined course.

A more detailed statement concerning this program may be had by writing to the *Director of Admission*.

Administration

TERMS AND VACATIONS

The college year 1947-1948 includes two regular semesters of sixteen weeks each and a twelve-week summer session. In the fall semester there is a Thanksgiving recess of approximately five days, and a Christmas vacation of two weeks; and in the spring semester, a vacation of two weeks.

ATTENDANCE AT COLLEGE EXERCISES

The officer in general charge of matters concerning attendance at college exercises is the Dean of the College.

Regular attendance at all college exercises is expected of all students.

All official college vacations and holidays are announced on the College Calendar appearing on page 5 of this catalogue.

Morning chapel services are conducted Monday, Tuesday, Thursday and Friday mornings. All students are required to attend one-half of the chapel services each week.

STUDENT DISCIPLINE

The officer in general charge of student discipline and conduct is the Dean of the College.

Conduct befitting a gentleman is expected at all times of students at Amherst College. It is assumed that undergraduates will understand what constitutes gentlemanly conduct without specific regulations forbidding particular actions.

RECORDS AND REPORTS

The officer in charge of records and reports is the Recorder of the College.

Reports of standing are sent to parents or guardians at the end of each term. Rank in each subject is reported as follows:

A, 90-100%; B, 80-89%; C, 70-79%; D, 60-69%; E, 50-59%; F, below 50%. The passing grade in each individual course is 60%, and an average grade of at least 70% is required for a degree.

ROOMS AND BOARD

All students, unless specifically excused by the Dean, are required to live either in the dormitories of the College or in fraternity houses. Dormitory rooms are equipped with bed, mattress, pillow, chiffonier, desk, chairs, and bookcase or shelves. Occupants furnish their own blankets, linen, and towels, and may provide extra furnishings if they wish, such

as rugs, curtains, lamps, etc. Room assignments are noted on the invoice from the Comptroller's Office.

All students are required to eat in Valentine Hall unless excused by the Dean. Board while students are hospitalized under the college health plan is included in the comprehensive fee.

HEALTH AND PHYSICAL DEVELOPMENT

The officer having general supervision of student health and physical development is the College Physician.

The College Physician and his associates are members of the Department of Hygiene and Physical Education. They hold consulting hours twice daily at the Student Health Office in the Gymnasium. They keep themselves acquainted with the health of the students and provide for their proper treatment if ill. Every student is given a physical examination soon after his arrival and is advised as to his health and physical efficiency. No student will be admitted to Amherst College who has not been successfully vaccinated or who is unwilling to submit to such vaccination by the College Physician within three months after admission.

The College maintains an infirmary under the direction of the College Physician and has a consulting staff comprising surgeons, internists, and various specialists who are called by the College Physician in cases of serious illness.

A Health Fee of \$10 per semester is charged to all students. This entitles the student to medical and nursing care at the College Infirmary, as well as hospitalization in Northampton or Springfield, and the services of consultants, when recommended by the College Physician, up to a maximum of \$500.00 for any one student in a college year. The College limits its responsibility to illnesses occurring while college is in session, including the expenses of medical treatment and hospitalization due to accidents on the athletic field or in connection with the ordinary and general procedures of the College. In the case of injuries from accidents of motor vehicles, trains, or aeroplanes either in traveling to or from Amherst or while resident in Amherst, the College's responsibility for medical and hospital expenses is limited to the services of the College Physician, the services of the Health Office, and care in the College Infirmary for a period not exceeding ten days. In such cases the College will not accept responsibility for medical or surgical bills of consultants, special nursing, or hospitalization in outside hospitals. The cost of prescription medication, glasses, and routine dentistry is not covered by the Health Fee.

Students or their parents are, of course, free to select consultants, surgeons, or hospitals of their own choice, but in such cases the fees of the

physicians, surgeons, nurses, hospitalization, and incidental fees are not paid by the College.

In the cases of students who have served in the armed forces of the United States, the College's responsibility is limited to illnesses and accidents of a nature covered by its responsibilities to its regular civilian students. Expenses for illnesses arising in whole or in part from previous service in the armed forces are not covered. The decisions of the College Physician as to what expenses will be met by the College shall be final.

Parents are notified by mail of all infirmary admissions unless the illness is thought of sufficient severity to warrant direct communication by telephone. In emergencies requiring immediate surgery, when parents cannot be consulted in advance, the President will assume responsibility for the authorization of operation.

Students who are unable to attend classes because of illness are required to go to the infirmary unless living with their families in Amherst or vicinity. Sick excuses are given only for such time as is spent either in the infirmary or, if living with their families, under a physician's care.

The College Infirmary, built in 1938, is located on the campus, is of fireproof construction, and is designed in accordance with the best modern practice. It has a normal capacity of nineteen beds, and an emergency capacity of forty beds. It contains a lounge room with a selected library and two solaria for convalescing students, an operating room for minor surgical cases, a laboratory, and an isolation ward for the treatment of infectious diseases.

OCCUPATIONAL GUIDANCE

In liberal arts colleges such as Amherst, where few studies are of direct occupational significance, it is natural that many undergraduates find their most perplexing problem that of making a proper choice of a life career. To help undergraduates solve this problem, the College offers an occupational guidance program. This program assists students to (1) discover their own special interests, aptitudes, talents, and powers; (2) discover the most promising outlets for these special and individual powers; (3) become familiar with the best techniques in obtaining a job, and (4) recognize the principal adjustments needed in changing from a life on the campus to one in the business world.

Amherst men have little difficulty in finding jobs. Rather the problem is to find work which offers the individual a happy outlet for his own particular talents, work which promises an achievable goal. The undergraduate who participates in this voluntary program will find himself better prepared to make a wise vocational choice and better equipped to face the business world.

Tuition and Fees

PAYMENT OF BILLS

Upon notification of admission to the College a candidate is required to return with his acceptance a non-refundable deposit of \$50 which will be credited in full on the first term bill.

College bills are payable in installments covering each term, the final dates for payment being the first day of classes for each term. Bills are payable at the office of the Comptroller.

Approximately two weeks before the due date bills are mailed to the students' parents. These bills may be paid by mail or in person. In either case the student's receipt, needed by the student to secure course cards and for admission to the dining hall, to athletic and other activities, is obtainable only by calling in person at the Comptroller's office.

COMPREHENSIVE FEE

A comprehensive fee is charged including tuition, room and board, amounting for the current year to \$535 per semester.

The charge for tuition for candidates for the degree Master of Arts for the current year is \$550.

Every student who takes an extra course in order to remove a delinquency incurred by a failure is required to pay an extra fee, which in the current year is charged at the rate of \$55 for each three-hour semester course.

OTHER FEES

1. *Registration Fee.* The candidate's formal application should be accompanied by a \$5.00 registration fee in check or money order made payable to The Trustees of Amherst College.

2. *Guarantee Deposit.* \$15.00 will be charged on the first semester bill of each entering student, refundable at the end of his college course, less any unpaid charges for breakage, lost equipment, library fees, etc.

3. *Health Fee.* \$10.00 per semester. This covers infirmary and medical care as stated on page 30 and 31.

4. *Intercollegiate Athletics Fee.* \$11.00 per semester is charged all students for the support of intercollegiate athletics. Of this, \$5.00 covers a season ticket to intercollegiate athletic contests, which is subject to the federal admission tax of \$1.00. Thus, the amount appearing on the student's bill is \$11.00 including federal tax.

5. *Student Activities Fee.* \$6.75 per semester. This fee, determined by the Student Council acting as the representative of the student body, is collected by the College from each student, and distributed to the vari-

ous participating undergraduate organizations as set forth in the Student Handbook.

6. *Degree Fee.* Every member of the senior class is charged a Degree Fee of \$7.00 at the beginning of his final term. This fee is also payable by candidates for the degree Master of Arts.

7. Changes in course elections, laboratory breakage, etc., involve nominal fees payable when incurred.

SUMMARY OF EXPENSES

It will be noted that in addition to the comprehensive fee for each term there will be a few small fees billed by the College. Beyond this will be the student's personal expenses, membership dues in student organizations, clothing, travel, books, and miscellaneous items, all of which will vary greatly with the individual but will probably range from fifty to one hundred dollars per semester.

Scholarships and Beneficiary Aid

The officer directly in charge of the administration of scholarships and beneficiary aid is the Dean of the College.

The beneficiary funds of the College aggregate over one million dollars. The income of these funds is distributed annually among students of high character and superior scholastic ability who need pecuniary aid.

SCHOLARSHIPS FOR THE THREE UPPER CLASSES

Applicants for scholarships, or for renewal of scholarships, from the three upper classes must file at the Dean's office, on or before May 1st, an account of their income and expenditures for the preceding year, and an estimate of their income and expenditures for the following year.

As a minimum scholastic requirement, applicants for scholarships from the three upper classes must pass all of their courses of the preceding year with an average of at least seventy-five per cent.

SCHOLARSHIPS FOR INCOMING STUDENTS

More than fifty scholarships are awarded annually to applicants for admission to college who are in need of financial aid and who meet in full the entrance requirements. These scholarships are awarded for the first term in residence and entitle the recipient to a credit on the first bill for tuition. The continuation of each scholarship for the following term depends upon the student's passing all of his courses of his first term with an average of at least seventy-five per cent, and, when granted, involves a credit on the next term bill. All candidates for these scholarships as well as all candidates for admission will be required to take the Scholastic Aptitude Test and Achievement Test, given by the College Entrance Examination Board four times each year.

SCHOLARSHIP FUNDS

Throughout the whole history of the College funds have been given or bequeathed, the incomes of which are to be used for the assistance of worthy and needy students. A few of these funds are restricted to candidates for the ministry and a few of them are restricted by other factors, such as the geographical location of the home of the applicant. In a few cases it is stipulated that the award from a particular fund shall be made to a particularly designated student. For the most part, however, the income of these funds may be awarded as the College sees fit. Three State Scholarships of full tuition are awarded annually to qualified residents of Massachusetts.

A listing of the Scholarship Funds of the College will be found in the Appendix.

RESIDENTS OF AMHERST

Free tuition may be granted at the discretion of the Trustees of Amherst College to applicants for admission who can satisfy in full the entrance requirements for Amherst College, who have been residents of Amherst for three years before the time of admission to college, and whose parents have also been residents of Amherst for three years. The grants of free tuition are to be continued throughout the college course, provided the students concerned satisfy the scholastic requirements of the College, conform to its regulations, and the parents of the students concerned continue to live in Amherst.

STUDENT LOAN FUND

Through the liberality of friends of the College, provision is made for loans of a limited amount to the few students in the later years of the course, at a low rate of interest, upon notes to be paid in subsequent years. In accordance with the conditions imposed by the donors of the Loan Fund, its use is limited to students in good scholastic standing whose habits of expenditure are economical. Application blanks may be obtained at the Treasurer's office.

Degrees

MASTER OF ARTS

The degree Master of Arts is conferred upon Bachelors of Arts of Amherst College and of other colleges that confer the Bachelor degree under conditions equivalent to those at Amherst College, who, having secured for their proposed course of study the approval of the Dean, the department concerned, and the Committee of Six, spend one year in residence at Amherst and satisfy the further requirements for this degree. An application form and a detailed statement of the requirements may be secured from the Dean.

BACHELOR OF ARTS

The degree Bachelor of Arts is conferred upon students of Amherst College who have satisfactorily met the requirements prescribed for that degree. The plan of studies leading to the degree Bachelor of Arts is arranged on a basis of the equivalent of an eight-semester course to be pursued by students in residence at the College.

The Bachelor of Arts degree *cum laude*, *magna cum laude* or *summa cum laude* (Degree with Honors), is awarded to students who have successfully completed an approved program of honors work with a department or group.

To other students who have satisfactorily met the requirements the degree Bachelor of Arts *rite* is awarded.

REQUIREMENTS FOR BACHELOR OF ARTS DEGREE

For the Class of 1950 and Preceding Classes

The following requirements for the degree Bachelor of Arts will continue in effect for the year 1947-1948 for members of the Class of 1950 and preceding classes. Certain modifications concerning the total number of courses required for the degree will go into effect in September 1948 when the four course plan becomes operative for all classes.

The degree Bachelor of Arts is normally awarded to candidates who complete the equivalent of forty semester courses, including a major as defined below; who complete the equivalent of 120 semester hours; who in freshman and sophomore years elect at least four semester courses from each of the three divisions of the curriculum, and who in junior and senior years elect at least four semester courses outside of the division in which they are majoring; and who complete certain prescribed work in public speaking and in physical education. However, students who attended Amherst in the period between June 15, 1942, and June 15, 1945, and who followed the accelerated program are required to com-

plete the equivalent of thirty-nine semester courses, and to complete the equivalent of 120 semester hours.

Candidates must have no deficiency in the work of any year, must have a reading knowledge of French or German, and must attain a general average of seventy per cent in the courses completed at Amherst College, and a grade of at least seventy per cent in every course completed at another institution.

A major consists of ten semester courses pursued under the direction of a department or special group. The major cannot begin later than the junior year and may begin in either the freshman or sophomore year; it must be completed in the senior year. Each department decides whether a freshman course in the department shall count toward its major.

The major requirement can be met in accordance with either of two plans:

Plan A: Not less than six of ten semester courses must be within a department; not more than four may be related fields approved by the major department.

Plan B: Combinations of courses not provided for under Plan A, but similar in aim to the established group majors in American Studies and Renaissance Studies, may be made with the consent of the several departments concerned and of the Dean.

*The Amherst Curriculum for the Class of 1950 and
Preceding Classes*

DIVISION I <i>Language, Literature and Arts</i>	DIVISION II <i>Social Studies and Philosophy</i>	DIVISION III <i>Mathematics and Natural Sciences</i>
Dramatic Arts English Fine Arts French German Greek Italian Latin Music Public Speaking Spanish	Economics Education Geography History Philosophy Political Science Psychology Religion	Anthropology Astronomy Biology Chemistry Geography Geology Mathematics Physics

*Language Requirements for the Class of 1950 and
Preceding Classes*

A reading knowledge of French or German is required for a degree. This requirement may be satisfied in any one of the following ways:

1. By attaining a satisfactory score in the College Entrance Examination Board's Achievement Test in either French or German before entering college.

2. By attaining a grade of C in French 11-12, French 3-4, German 11-12, or German 3-4, or by passing French 5-6, German 5-6, or German 7-8.

3. By passing a sight reading examination given at the college each year.

Students who have satisfied the requirement of a reading knowledge of French or German and who wish to continue either language may elect any course for which they are eligible.

Sophomores, Juniors and Seniors who have not satisfied the reading requirement in either French or German are required to elect one of these languages.

*Requirements for Bachelor of Arts Degree for the Class of 1951
and Succeeding Classes*

Beginning with the Class of 1951 the degree Bachelor of Arts will be awarded to candidates who complete the equivalent of sixteen year courses including a major; who complete the equivalent of 120 semester hours; who in the freshman and sophomore years complete the six required sequence courses; who in junior and senior years complete each year one course outside the division in which they are majoring; and who complete certain prescribed work in public speaking and in physical education.

Candidates must have no deficiency in the work of any year; must satisfy the language requirement in French, German, Italian, Spanish, Latin or Greek; must attain a general average of seventy per cent in the courses completed at Amherst College, and a grade of at least seventy per cent in their courses completed at another institution.

II

Courses of Study

Courses of Instruction

In general, any course numbered from 1 to 14 is elective for Freshmen; any course numbered from 15 to 30 is elective for Sophomores; and any course numbered 31 or higher is a Junior or Senior elective. Numbers preceded by the letter "S" indicate that the course is either required of or elective for Freshmen under the curriculum adopted this fall.

Anthropology

Professor WOOD; Mr. HINTON.

1. ANTHROPOLOGY. Professor WOOD and Mr. HINTON.

A review of the evolution of the anthropoids and the human species, and the differentiation and distribution of the major racial groups. A brief study of the evolution of human cultures beginning with the archaeology of Europe and America. Heredity in man considered in its relation to the control of human populations, and problems of race and culture. Three hours classroom and one two-hour laboratory period per week. *Elective for Sophomores. First semester.*

2. ANTHROPOLOGY. Professor WOOD and Mr. HINTON.

A continuation of Anthropology 1. Requisite: Anthropology 1. *Elective for Sophomores. Second semester.*

Astronomy

Professor GREEN; Associate Professor HALL.

1. INTRODUCTION TO GENERAL ASTRONOMY. Professor GREEN.

Spherical astronomy, time, apparent and real motions of the planets, gravitational hypothesis, and general structure of the solar system. *Elective for Sophomores. First semester.*

2. INTRODUCTION TO DESCRIPTIVE ASTRONOMY AND ASTROPHYSICS.
Professor GREEN.

Application of the fundamental methods of radiation analysis to the study of the members of the solar system, the stars, and the nebulae. Requisite: Astronomy 1 or Physics 1. *Elective for Sophomores. Second semester.*

31. INTRODUCTION TO NAVIGATION. Professor GREEN.

Historical development of the modern methods of dead reckoning, relative motion, and pilotage, with application to numerous problems. Requisite: Mathematics 2 or 11. *Elective for Sophomores. First semester.*

32. CELESTIAL NAVIGATION. Professor GREEN.

The theory and development of the modern methods of celestial navigation. Requisite: Astronomy 1 and Astronomy 31. *Elective for Sophomores. Second semester.*

33. ADVANCED NAVIGATION. Professor GREEN.

Selected problems in use of maneuvering boards, plotting boards of various types, celestial navigation, and various hyperbolic systems of navigation. *Elective for Juniors with the consent of the instructor. First semester.*

Biology

Professors GLASER, PLOUGH, SCHOTTÉ; Associate Professor KIDDER; Assistant Professor WOOD; Messrs. HINTON and ROLLASON.

1. GENERAL BIOLOGY. Professor KIDDER and Mr. ROLLASON.

An introduction to biological principles, arranged to serve as a part of a program of liberal study. The structure of plants and animals as a preliminary to the understanding of function. Demonstrative material drawn largely from the less specialized groups of the plant and animal kingdoms. Three hours classroom and three hours laboratory work per week. *Elective for Sophomores. First semester.*

2. ANIMAL BIOLOGY. Professor KIDDER and Mr. ROLLASON.

Morphology and physiology of the various systems in animals and considerations of such general phenomena as reproduction, development, heredity, and evolution. Three hours classroom and three hours laboratory work per week. Requisite: Biology 1. *Elective for Sophomores. Second semester.*

4. BOTANY.

The structure, reproduction, and physiological processes of plants. The principal groups of the plant kingdom, including fossil forms, with emphasis on evolution and interrelationships. The importance of plants to man, plant distribution, plant hormones, and genetics. Three hours classroom and three hours laboratory work per week. Requisite: Biology 1. *Elective for Sophomores. Second semester. (Not offered in 1947-1948.)*

21. EMBRYOLOGY. Professor SCHOTTÉ.

A description of developmental processes centered around the embryology of vertebrates. An introduction to the study of the physiology of development. Three hours classroom and three hours laboratory work per week. Requisite: Two semesters in biology or anthropology. *Elective for Sophomores. First semester.*

22. COMPARATIVE ANATOMY. Professor WOOD.

The study of the anatomy of vertebrates. The evolution of the organ systems from the primitive stages to the most advanced. A review of vertebrate evolution. Three hours classroom and three hours laboratory work per week. Requisite: Two semesters in biology or anthropology. *Elective for Sophomores. Second semester.*

23. BOTANY.

A continuation of Biology 4. Requisite: Biology 4. *Elective for Sophomores. First semester. (Not offered in 1947-1948.)*

25. BIOLOGY OF INSECTS. Mr. HINTON.

A study of the zoology, development, physiology and natural history of insects. Three hours classroom and three hours laboratory work per week. Requisite: Two semesters in biology or anthropology. *Elective for Sophomores. First semester.*

30. ANIMAL HISTOLOGY AND MICROSCOPICAL TECHNIQUE. Mr. ROLLASON.

A study of cells, tissues and organs with emphasis on the relationship between structure and function. Both invertebrates and vertebrates are considered. The preparation of slides is included in the laboratory work. Three hours classroom and three hours laboratory work per week. Requisite: Two semesters in biology or anthropology. *Elective for Juniors. Second semester.*

31. VERTEBRATE PALEONTOLOGY. Professor WOOD.

The evolution of fossil vertebrates and the relationship of environment to evolution. Techniques of preparation of fossils. Individual laboratory problems. Three hours classroom and three hours laboratory work per week. (Same course as Geology 33.) Requisite: Biology 22 or Geology 31. *Elective for Juniors. First semester.*

32. EXPERIMENTAL MORPHOLOGY. Professor SCHOTTÉ.

An experimental analysis of the problems of differentiation of form and structure, including the physiology of embryonic development and

studies on regeneration. Three hours classroom and three hours laboratory work per week. Requisite: Biology 21. *Elective for Juniors. Second semester.*

33. HISTORY OF BIOLOGICAL THOUGHT. Professor GLASER.

An analysis of the main currents of biological thinking, teaching and research, together with an attempt to trace the essential concepts of their origin. Three hours classroom work per week. Requisite: Four semesters of biology or anthropology. *Elective for Juniors. First semester.*

34. HISTORY OF BIOLOGICAL THOUGHT. Professor GLASER.

A continuation of Biology 33. Three hours classroom work per week. Requisite: Biology 33. *Elective for Juniors. Second semester.*

35. GENETICS AND CYTOLOGY. Mr. HINTON.

The general principles and experimental techniques of heredity, and their bearings on reproduction and the determination of sex. Illustrated by breeding experiments in the laboratory. Three hours classroom and three hours laboratory work per week. Requisite: Two semesters in biology or anthropology. *Elective for Juniors. First semester.*

36. GENETICS AND CYTOLOGY. Mr. HINTON.

The role of the gene and chromosome in development and evolution. Three hours classroom work per week plus individual laboratory problems. Requisite: Biology 35 and the consent of the instructor. *Elective for Juniors. Second semester.*

37. MICROBIOLOGY. Professor PLOUGH.

A study of the bacteria, yeasts and molds, and their physiological activities, together with the methods of isolation and culture. Three hours classroom and three hours laboratory work per week. Requisite: One year course in both chemistry and biology. *Elective for Juniors. First semester.*

38. MICROBIOLOGY. Professor KIDDER.

A continuation of Biology 37. A study of the comparative biochemistry of unicellular organisms with emphasis on the Protozoa. Three hours classroom and three hours laboratory work per week. Requisite: Biology 37. *Elective for Juniors. Second semester.*

40. BACTERIOLOGY. Professor PLOUGH.

A more advanced course in bacteriology, including some work with

pathogenic organisms and an introduction to immunology and bacterial genetics. Two hours classroom and four hours laboratory work per week. Requisite: Biology 37. *Elective for Juniors. Second semester.*

55. HONORS COURSE. Professors GLASER, PLOUGH, SCHOTTÉ, KIDDER, WOOD, and Messrs. HINTON, and ROLLASON.

Individual problems under the direction of some member of the staff. The class work consists of a Journal Club (one hour) and a seminar (one hour), at each of which reports are made according to a schedule posted at the beginning of the semester. This course though designed primarily for candidates for the degree with honors is open to other advanced students with the consent of the department. A preliminary thesis covering the results of the individual work is required. Requisite: Four semesters in biology or anthropology. *Elective for Juniors. First semester.*

56. HONORS COURSE. Professors GLASER, PLOUGH, SCHOTTÉ, KIDDER, WOOD, and Messrs. HINTON, and ROLLASON.

A continuation of Biology 55. Requisite: Biology 55. *Elective for Juniors. Second semester.*

59. HONORS COURSE. Professors GLASER, PLOUGH, SCHOTTÉ, KIDDER, WOOD, and Messrs. HINTON, and ROLLASON.

A continuation of Biology 56. A final thesis covering the results of the individual work is required. Requisite: Six semesters in biology or anthropology. *Elective for Seniors. First semester.*

60. HONORS COURSE. Professors GLASER, PLOUGH, SCHOTTE, KIDDER, WOOD, and Messrs. HINTON, and ROLLASON.

A continuation of Biology 59. Requisite: Biology 59. *Elective for Seniors. Second semester.*

Chemistry

Professors BEEBE and WHITNEY;

Associate Professor GRAHAME;

Assistant Professor TODD; Mr. LARSEN.

Note: The minimum requirement in chemistry for medical school is Chemistry 15 and 35-36. Many medical schools require Chemistry 16, and recommend a course in physical chemistry. Students preparing for professional work as chemists upon graduation, or who plan to go to graduate school, should complete Chemistry 36 in time to take 59-60 in the final two semesters. Chemistry 59-60 and its prerequisites, together with two

years of college physics, and the equivalent of two years of German, constitute the minimum requirement for the accredited program of the American Chemical Society.

1. INORGANIC AND THEORETICAL CHEMISTRY. Professors BEEBE and TODD.

A study of the chemistry of inorganic substances, and an introduction to theoretical chemistry with special emphasis on ionic equilibria. Three hours classroom and three hours laboratory work per week. Requisite: Mathematics 2 or 12. This course is requisite, for majors in the department, for further chemistry courses. *Elective for Freshmen. First semester.*

2. INORGANIC AND THEORETICAL CHEMISTRY. Professors BEEBE and TODD.

A continuation of Chemistry 1. Requisite: Chemistry 1. *Elective for Freshmen. Second semester.*

15. QUALITATIVE ANALYSIS. Professor BEEBE and Mr. LARSEN.

The application of inorganic and theoretical chemistry to qualitative analysis. The semi-micro technique is used in the laboratory. Three hours classroom and four hours laboratory work per week. Requisite: Chemistry 2. *Elective for Sophomores. First semester.*

16. QUANTITATIVE ANALYSIS. Professor GRAHAME and Mr. LARSEN.

The application of inorganic and theoretical chemistry to quantitative analysis. Three hours classroom and four hours laboratory work per week. Requisite: Chemistry 15. *Elective for Sophomores. Second semester.*

31. PHYSICAL CHEMISTRY. Professor GRAHAME.

A study of the fundamentals of physical chemistry, designed especially for students preparing for professional work or graduate study in chemistry. Requisite: Chemistry 16, Physics 2 and Mathematics 16; the two latter may be taken concurrently. Three hours classroom and three hours laboratory work per week. *Elective for Juniors. First semester.*

32. PHYSICAL CHEMISTRY. Professor GRAHAME.

A continuation of Chemistry 31. Requisite: Chemistry 31. *Elective for Juniors. Second semester.*

35. ORGANIC CHEMISTRY. Professor WHITNEY.

General theory of organic chemistry, preparation of typical organic compounds. The chemistry of the most important functional groups only

is studied in this course. Three hours classroom and four hours laboratory work per week. Requisite: Chemistry 15. *Elective for Sophomores. First semester.*

36. ORGANIC CHEMISTRY. Professor WHITNEY.

A continuation of Chemistry 35. Requisite: Chemistry 35. *Elective for Sophomores. Second semester.*

37. THERMODYNAMICS. Professor GRAHAME.

This course is intended for students preparing for graduate work. Three hours classroom work per week. Requisite: Chemistry 32. *Elective for Juniors. First semester.*

41. QUALITATIVE ORGANIC CHEMISTRY. Professor TODD.

A continuation of the study of organic chemistry, with emphasis on the laboratory identification and characterization of organic compounds. Two hours classroom and six hours laboratory work per week. Requisite: Chemistry 36. *Elective for Juniors. First semester.*

59. CONFERENCE AND ADVANCED LABORATORY COURSE. THE DEPARTMENT.

Individual laboratory problems will be arranged in conference with some member of the department. These may be advanced types of inorganic or organic syntheses, physico-chemical experiments, or analyses, or they may be problems for original investigation. A long paper or thesis is to be prepared in connection with this work. This course includes participation in the weekly seminar on topics of current interest. Requisite: Chemistry 31-32 and 35-36. This course is open to candidates for the degree with honors, and to others with the consent of the department. The course may carry either one or two semester credits. *Elective for Seniors. First semester.*

60. CONFERENCE AND ADVANCED LABORATORY COURSE. THE DEPARTMENT.

A continuation of Chemistry 59. The course may carry either one or two semester credits. *Elective for Seniors. Second semester.*

Classics

Professor FOBES; Associate Professors BROWER and KERN; Mr. MOORE. Note: Students in Classics should take note of History 3, 4, "Classical Civilization."

Greek

S-101. INTRODUCTION TO THE GREEK LANGUAGE. PROFESSOR BROWER.

Elementary Greek grammar; reading of easy Attic prose. Six hours per week. *Elective for Freshmen. First semester.*

S-102. INTRODUCTION TO GREEK LITERATURE. PROFESSOR BROWER.

Xenophon: *Memorabilia of Socrates*; brief selections from major Greek writers to illustrate various types of Greek literature. Six hours per week. Requisite: Greek S-101 or its equivalent. *Elective for Freshmen. Second semester.*

S-103. THE *Iliad*. MR. MOORE.

Readings from the *Iliad*. Five hours per week. Requisite: Greek S-102 or its equivalent. *Elective for Freshmen. First semester.*

S-104. THE *Odyssey*; THE LYRIC PARTS. MR. MOORE.

Five hours per week. Requisite: Greek S-103 or its equivalent. *Elective for Freshmen. Second semester.*

5. SELECTIONS FROM PLATO'S *Dialogues*. PROFESSOR KERN.

Three hours per week. Requisite: Greek S-103 or its equivalent. *Elective for Freshmen. First semester.*

6. SELECTIONS FROM HERODOTUS AND THUCYDIDES. PROFESSOR KERN.

Three hours per week. Requisite: Greek 5 or its equivalent. *Elective for Freshmen. Second semester.*

15. AESCHYLUS AND SOPHOCLES. PROFESSOR BROWER.

Three hours per week. Requisite: Greek 6 or its equivalent. *Elective for Sophomores. First semester.*

16. EURIPIDES AND ARISTOPHANES. PROFESSOR BROWER.

Three hours per week. Requisite: Greek 15 or its equivalent. *Elective for Sophomores. Second semester.*

Latin

1. INTRODUCTORY COURSE. PROFESSOR KERN.

Latin Grammar; selections from Caesar's *Gallic War* and Cicero's *Orationes*. Five hours per week. *Elective for Freshmen. First semester.*

2. INTRODUCTORY COURSE. Professor KERN.

A continuation of Latin 1. Five hours per week. Requisite: Latin 1. *Elective for Freshmen. Second semester.*

3. INTERMEDIATE COURSE. Professor KERN.

Review of Latin Grammar. Selections from Cicero's *Orations*. Five hours per week. Requisite: Latin 1-2; or two or three entrance units in Latin, not including poetry authors. *Elective for Freshmen. First semester.*

4. INTERMEDIATE COURSE. Mr. MOORE.

Selections from Vergil's *Aeneid*; assigned outside reading in English. Five hours per week. Requisite: Latin 3; or three entrance units in Latin, not including poetry authors. *Elective for Freshmen. Second semester.*

5. CICERO'S *De Senectute* AND SELECTIONS FROM CATULLUS. Professor KERN.

Three hours per week. Requisite: Latin 4; or three or four entrance units in Latin, including poetry authors. *Elective for Freshmen. First semester.*

6. SELECTIONS FROM HORACE'S *Odes* AND *Epodes* AND PLINY'S *Letters*. Professor KERN.

Three hours per week. Requisite: Latin 4 or 5; or four entrance units in Latin, including poetry authors. *Elective for Freshmen. Second semester.*

15. ROMAN COMEDY. Mr. MOORE.

Selected plays of Terence and Plautus. Three hours per week. Requisite: Latin 5 or 6. *Elective for Sophomores. First semester.*

16. ROMAN HISTORIANS. Professor KERN.

Selections from the works of Livy, Tacitus, and Suetonius. Three hours per week. Requisite: Latin 5 or 6. *Elective for Sophomores. Second semester.*

Dramatic Arts

Professor CANFIELD; Assistant Professors MCGOUN and C. E. ROGERS.

15. INTRODUCTION TO THE ART OF THE THEATER. Professor CANFIELD.

Principles and methods of stage directing beginning with the interpretation of dramatic texts. Composition, stage movement, acting styles, and theatrical visualization. Exercises in preparing a prompt book. Three

hours classroom and two hours laboratory work per week. *Elective for Sophomores with the consent of the instructor. First semester. (Not offered in 1948-1949.)*

16. INTRODUCTION TO THE ART OF THE THEATER. Professors MCGOUN and ROGERS.

Scene design, lighting, and technical directing considered theoretically and practically as instruments of dramatic interpretation. The class is responsible for a public performance toward the end of the term. Three hours classroom and two hours laboratory work per week. Requisite: Dramatic Arts 15. *Elective for Sophomores. Second semester. (Not offered in 1948-1949.)*

31. MODERN DRAMA. Professor CANFIELD.

A study of representative English and American plays and playwrights from Sheridan to Shaw. Historical development, literary values, form and structure, an analysis of dramatic types. *Elective for Juniors. First semester.*

32. MODERN DRAMA. Professor CANFIELD.

A continuation of Dramatic Arts 31, from Shaw to the present. Requisite: Dramatic Arts 31. *Elective for Juniors. Second semester.*

Economics

Professors CHANDLER, G. R. TAYLOR and WARNE;
Associate Professor COOMBS; Assistant Professor MORRIS; Mr. AMES.

15. INTRODUCTION TO ECONOMICS. Professors CHANDLER, COOMBS and MORRIS, and Mr. AMES.

A survey of economic systems and their evolution, with emphasis on modern economic institutions, principles, and problems. Prerequisite for all other courses in economics. *Elective for Sophomores. First semester.*

16. INTRODUCTION TO ECONOMICS. Professors CHANDLER, COOMBS and MORRIS, and Mr. AMES.

A continuation of Economics 15. Prerequisite for all other courses in economics. Requisite: Economics 15. *Elective for Sophomores. Second semester.*

31. ECONOMIC HISTORY OF THE UNITED STATES. Professor G. R. TAYLOR.

A study of the economic development of the United States from the

Colonial period to the Civil War. Requisite: Economics 16. *Elective for Juniors. First semester. (Not offered in 1947-1948.)*

32. ECONOMIC HISTORY OF THE UNITED STATES. Professor G. R. TAYLOR.

A study of the economic development of the United States from the Civil War to the present time. Requisite: Economics 16. *Elective for Juniors. Second semester. (Not offered in 1947-1948.)*

33. HISTORY AND THEORY OF THE LABOR MOVEMENT. Professor WARNE.

The economic and social relations of the wage-earners with the employers and the public; trade and company unionism, labor legislation, social insurance, cooperation, and political action. Requisite: Economics 16. *Elective for Juniors. First semester.*

34. HISTORY AND THEORY OF THE LABOR MOVEMENT. Professor MORRIS.

A continuation of Economics 33. Requisite: Economics 33. *Elective for Juniors. Second semester.*

35. ECONOMICS OF MONEY AND FINANCE. Professor CHANDLER.

A description and analysis of modern money, monetary standards, commercial and central banking, foreign exchange, and the relationships between money and economic activity. Requisite: Economics 16. *Elective for Juniors. First semester.*

36. PUBLIC FINANCE. Professor CHANDLER.

A study of government expenditures, taxation, and debt with emphasis on their effects on the economy. Requisite: Economics 16. *Elective for Juniors. Second semester.*

37. GOVERNMENT AND BUSINESS. Professor COOMBS.

A study of the role of government in economic life, with emphasis on governmental policies in the fields of transportation, public utilities, monopoly, and the maintenance of fair competition. Requisite: Economics 16. *Elective for Juniors. First semester.*

38. GOVERNMENT AND BUSINESS. Professor COOMBS.

A continuation of Economics 37. Requisite: Economics 37. *Elective for Juniors. Second semester.*

41. ECONOMIC ANALYSIS. Professor MORRIS.

A study of quantitative analysis in economics with special emphasis

on the application of statistical methods to data derived from the accounting records of business firms and governmental units. Requisite: Economics 16. *Elective for Juniors. First semester. Limited to 12 students.*

42. ADVANCED ECONOMIC THEORY. Professor MORRIS.

An intensive study of modern economic principles of price, production, and distribution under various market conditions. Requisite: Economics 16. *Elective for Seniors. Second semester. Limited to 12 students.*

43. ECONOMICS OF CONSUMPTION. Professor WARNE.

An historical study of the role of the consumer in economic theory and practice. Requisite: Economics 16. *Elective for Seniors. First semester. Limited to 12 students.*

44. INTERNATIONAL ECONOMICS. Mr. AMES.

An examination of the principles and practices of international trade and finance and of international commercial and financial policies. Requisite: Economics 16. *Elective for Juniors. First semester. Limited to 12 students.*

45. HISTORY OF ECONOMIC THOUGHT. Professor G. R. TAYLOR.

A study of the books in economics that have had the greatest influence on contemporary thought and policies and on the evolution of economic ideas. Requisite: Economics 16. *Elective for Juniors. First semester. Limited to 12 students.*

46. CYCLICAL FLUCTUATIONS OF BUSINESS. Mr. AMES.

An analysis of the nature and causes of business cycles and of their economic and social effects. Requisite: Economics 16. *Elective for Seniors. Second semester.*

55. CONFERENCE COURSE.

Elective for Juniors. First semester.

56. CONFERENCE COURSE.

A continuation of Economics 55. Requisite: Economics 55. *Elective for Juniors. Second semester.*

59. CONFERENCE COURSE.

Elective for Seniors. First semester.

60. CONFERENCE COURSE.

A continuation of Economics 59. Requisite: Economics 59. *Elective for Seniors. Second semester.*

Education

Professor G. KENNEDY.

20. PHILOSOPHY OF EDUCATION. Professor KENNEDY.

A comparative and critical study of contemporary theories of education in terms both of their historical origins and of current problems and controversies. May be counted toward a major, or major with honors, in philosophy. (Same course as Philosophy 20.) *Elective for Juniors. First semester.*

English

Professors BAIRD, ELLIOTT, GARRISON and WHICHER;

Associate Professors BROWER and MCKEON;

Assistant Professors BARBER and CRAIG;

Messrs. DENTON, GIBSON, HITCHCOCK, and W. R. TAYLOR.

REQUIREMENTS FOR THE DEGREE WITH HONORS

The following definition of procedure is to be considered normal. Candidates for the degree with honors should elect English 55-56 in junior year and English 59-60 in senior year. In addition they should elect English 19-20, English 37-38, English 35-36, English 41-42, and they are advised to elect the first two in sophomore year. The Comprehensive Examination will be based in part on the field covered by English 37-38, 35-36, 41-42, and in part on the candidate's familiarity with English literature since 1660 and on American literature as gained by individual reading. Copies of a reading list may be secured from the Chairman of the department. The special work required of all candidates will consist of an essay of about 12,000 words on a single topic written under the supervision of a member of the department. Recommendation for the various grades of honors will be determined primarily by the quality of the candidate's thesis and secondarily by the Comprehensive Examination.

S-101. COMPOSITION. Professor BAIRD in charge.

Three hours per week. *Required for Freshmen. First semester.*

S-102. INTRODUCTORY COURSE. Professor BAIRD in charge.

Two hours per week. Requisite: English S-101. *Required for Freshmen. Second semester.*

7. RELIGION AND LITERATURE. Professor ELLIOTT.

Christian and pagan ideas in English literature from the beginning to

the present, with a comparative study of the four Gospels (in Stevens and Burton's Harmony) as background. Significant poems, dramas, novels, and essays. (Same course as Religion 21.) *Elective for Sophomores. First semester.*

8. RELIGION AND LITERATURE. Professor ELLIOTT.

A continuation of English 7. Special attention to the chief poets of the nineteenth century, particularly Tennyson, Browning, and Arnold. (Same course as Religion 22.) Requisite: English 7. *Elective for Sophomores. Second semesters.*

19. INTRODUCTION TO LITERATURE. Professors BROWER, CRAIG and BARBER, and Messrs. HITCHCOCK and W. R. TAYLOR.

The aim of this course is to teach critical reading of literature. The material read in any one year is limited to a small number of works of prose and poetry. Required for a major in English. *Elective for Sophomores. First semester.*

20. INTRODUCTION TO LITERATURE. Professors BROWER, CRAIG and BARBER, and Messrs. HITCHCOCK and W. R. TAYLOR.

A continuation of English 19. Requisite: English 19. *Elective for Sophomores. Second semester.*

23. ENGLISH COMPOSITION. Mr. GIBSON.

A course in disciplined prose writing of many types, from the expository article to the short story. Unity and clarity of expression are stressed in class discussions of manuscripts, and in frequent individual conferences with the instructor. *Elective for Sophomores with the consent of the instructor. First semester.*

24. ENGLISH COMPOSITION. Mr. GIBSON.

A continuation of English 23. Requisite: English 23. *Elective for Sophomores. Second semester.*

29. THE NINETEENTH CENTURY ENGLISH NOVEL. Professor CRAIG.

A reading of representative works of the chief novelists from Sir Walter Scott to George Eliot, with attention both to their literary structure and their relation to social history. *Elective for Juniors. First semester.*

35. MEDIEVAL LITERATURE AND CHAUCER. Professor WHICHER.

Selected readings in English literature from *Beowulf* to Malory, with comparative material from other literatures in translation. Chaucer's major works in the original. *Elective for Juniors, and for Sophomores who*

have a grade of "B" in English 1-2, and who plan to become candidates for a degree with honors in English. First semester.

36. MEDIEVAL LITERATURE AND CHAUCER. Professor WHICHER.

A continuation of English 35. Requisite: English 35. *Elective for Juniors. Second semester.*

37. SHAKESPEARE. Professor BAIRD.

A reading of all the plays. Emphasis on Shakespeare's development as dramatist and poet. Requisite: A grade of "B" in a previous English course. *Elective for Sophomores. First semester.*

38. SHAKESPEARE. Professor BAIRD.

A continuation of English 37. Requisite: English 37. *Elective for Sophomores. Second semester.*

41. THE RENAISSANCE. Professor ELLIOTT.

Humanism in lyric, epic, and dramatic poetry of the sixteenth and seventeenth centuries. Spenser, Milton, the chief authors in "Poetry of the English Renaissance" (edited by Hebel and Hudson), one or two works of Shakespeare not studied in class in English 37-38. *Elective for Juniors, and for Sophomores who have a grade of "B" in a previous English course and who plan to become candidates for a degree with honors in English. First semester.*

42. THE RENAISSANCE. Professor ELLIOTT.

A continuation of English 41. Requisite: English 41. *Elective for Juniors, and for Sophomores who have a grade of "B" in a previous English course and who plan to become candidates for a degree with honors in English. Second semester.*

43. AMERICAN LITERATURE. Professor WHICHER.

American authors from the Colonial Period to the Civil War. *Elective for Juniors. First semester.*

44. AMERICAN LITERATURE. Professor WHICHER.

American authors from the Civil War to the present. *Elective for Juniors. Second semester.*

48. THOUGHT AND EXPRESSION IN SEVENTEENTH CENTURY PROSE. Professor CRAIG.

A study of the major prose writers from Bacon to Dryden, with special attention to the history of ideas. *Elective for Juniors. Second semester.*

55. CONFERENCE COURSE. THE DEPARTMENT.

Elective for Juniors. First semester.

56. CONFERENCE COURSE. THE DEPARTMENT.

A continuation of English 55. Requisite: English 55. *Elective for Juniors. Second semester.*

59. CONFERENCE COURSE. THE DEPARTMENT.

Elective for Seniors. First semester.

60. CONFERENCE COURSE. THE DEPARTMENT.

A continuation of English 59. Requisite: English 59. *Elective for Seniors. Second semester.*

Fine Arts

Professor C. H. MORGAN;

Assistant Professors JUDKINS and C. E. ROGERS.

1. AN INTRODUCTION TO THE FINE ARTS. Professor C. H. MORGAN.

The means employed in creating architecture, sculpture and painting. Three lectures a week; section meetings replace every sixth lecture. *Elective for Sophomores. First semester. (Not offered after 1947-1948.)*

2. A HISTORY OF THE FINE ARTS. Professor C. H. MORGAN.

A survey of the major periods in the history of art, with especial emphasis on the influence of the development of civilization on the artist and his work. Three lectures a week; section meetings replace every sixth lecture. Requisite: Fine Arts 1. *Elective for Sophomores, Second semester. (Not offered after 1947-1948.)*

15. THEORY AND TECHNIQUE. Professor ROGERS.

Design, composition and line and form drawing in pencil, charcoal, crayon, pen and ink and chalk. One lecture and two two-hour laboratory periods per week. No previous training required. *Elective for Sophomores. First semester.*

16. THEORY AND TECHNIQUE. Professor ROGERS.

Elementary color theory and technique of water color painting. Requisite: Fine Arts 15 or its equivalent. *Elective for Sophomores. Second semester.*

25. AMERICAN ART OF THE COLONIES AND THE EARLY REPUBLIC. Professor C. H. MORGAN.

The development of the arts in America from the first settlers until 1840. Requisite: Fine Arts 1-2. *Elective for Juniors. First semester. (Not offered in 1947-1948.)*

26. AMERICAN ART OF THE LAST HUNDRED YEARS. Professor C. H. MORGAN.

The development of the arts in America from the period preceding the Civil War until the present. Requisite: Fine Arts 25. *Elective for Juniors. Second semester. (Not offered in 1947-1948.)*

27. EUROPEAN ART OF THE 19TH CENTURY. Professor C. H. MORGAN.

The development of the arts in Europe from the French Revolution until 1875. Requisite: Fine Arts 1-2. *Elective for Sophomores. First semester. (Not offered in 1948-1949.)*

28. MODERN ART. Professor JUDKINS.

An inquiry into the modern movement in art: its causes, its problems, and its values. This study will include developments in painting, sculpture and architecture since the mid-19th Century. Requisite: Fine Arts 1-2. *Elective for Sophomores. Second semester. (Not offered in 1948-1949.)*

31. ADVANCED THEORY AND TECHNIQUE. Professor JUDKINS.

The theory and practice of representation, pictorial design, and color composition in painting, with some consideration of the pictorial modes of the past. The laboratory work will be developed primarily in the oil medium. Requisite: Fine Arts 15-16, or its equivalent. *Elective for Sophomores. First semester.*

32. ADVANCED THEORY AND TECHNIQUE. Professor JUDKINS.

A continuation of Fine Arts 31. Requisite: Fine Arts 31. *Elective for Sophomores. Second semester.*

French

See MODERN LANGUAGES

Geography

Associate Professor KENDALL; Mr. DIX.

15. INTRODUCTION TO GEOGRAPHY. Professor KENDALL and Mr. DIX.

A comparative study of the nature and the human utilization of the

major geographic regions of the world. Laboratory study of map projections, map making, and other techniques of geographic representation. Three hours classroom and three hours laboratory work per week. (NOTE: This course may be taken with or without laboratory. If laboratory is included, the course will be credited as a natural science; without laboratory, the course will be credited as a social study.) *Elective for Sophomores. First semester.*

16. INTRODUCTION TO GEOGRAPHY. Professor KENDALL and Mr. DIX.

A continuation of Geography 15. Requisite: Geography 15. *Elective for Sophomores. Second semester.*

19. POLITICAL GEOGRAPHY. Professor KENDALL.

The significance of geographic elements in the growth and structure of states. General consideration of the importance of physical and cultural environment in the development of the political pattern of the world. Detailed study of selected countries. (Same course as Political Science 19.) *Elective for Sophomores. First semester.*

20. ECONOMIC GEOGRAPHY. Mr. DIX.

A study of the geographic elements contributing to the localization of economic activities; the distribution, conditions of production, and trade in some of the primary commodities. *Elective for Sophomores. Second semester.*

31. GEOGRAPHY OF EUROPE. Mr. DIX.

The arrangement and distribution of both physical and cultural features of the continent as a whole followed by detailed consideration of the geographic nature of the individual countries. *Elective for Sophomores. First semester.*

35. GEOGRAPHY OF THE FAR EAST. Professor KENDALL.

Geographical analysis of eastern Asia and the nearby island groups with particular attention to regional differences. *Elective for Sophomores. Second semester.*

37. GEOGRAPHY OF NORTH AMERICA. Mr. DIX.

A systematic study of the regional contrasts within the United States, Canada, and Alaska. *Elective for Sophomores. First semester.*

38. GEOGRAPHY OF LATIN AMERICA AND THE CARIBBEAN. Mr. DIX.

The physical nature and the human utilization of the islands of the Caribbean and of the American mainland southward from the United States. *Elective for Sophomores. Second semester.*

55. CONFERENCE COURSE. Professor KENDALL.

Elective for Juniors. First semester.

56. CONFERENCE COURSE. Professor KENDALL.

A continuation of Geography 55. Requisite: Geography 55. *Elective for Juniors. Second semester.*

59. CONFERENCE COURSE. Professor KENDALL. *Elective for Seniors. First semester.*

60. CONFERENCE COURSE. Professor KENDALL.

A continuation of Geography 59. Requisite: Geography 59. *Elective for Seniors. Second semester.*

Geology

Professor BAIN;

Associate Professor PHLEGER;

Assistant Professor WOOD.

1. GEOLOGY AND PHYSIOGRAPHY. Professors BAIN and PHLEGER.

An introduction to the processes, origin and history of land surfaces, rock structure and life development to enable one to understand the meaning and value of the country in which he may live or where he may travel or about which he may read. Three hours of classroom and two hours of laboratory work per week. Field trips in the autumn and field work in the spring may be substituted for laboratory work. *Elective for Sophomores. First semester.*

2. GEOLOGY AND PHYSIOGRAPHY. Professors BAIN and PHLEGER.

A continuation of Geology 1. Requisite: Geology 1. *Elective for Sophomores. Second semester.*

15. HISTORICAL GEOLOGY. Professor PHLEGER.

A study of modern environments, of the development of continents, of plants and animals, and the succession of stratified rocks during the geologic past. Three hours of classroom and two hours of laboratory work per week. *Elective for Sophomores. First semester.*

16. HISTORICAL GEOLOGY. Professor PHLEGER.

A continuation of Geology 15. Requisite: Geology 15. *Elective for Sophomores. Second semester.*

17. MINERALOGY. Professor BAIN.

A study of the formation, occurrence, use and identification of crystals and minerals. Three hours of classroom and two hours of laboratory work per week. Requisite: Geology 1 - 2 or the recommendation of the department of Chemistry. *Elective for Sophomores. First semester.*

18. PETROLOGY. Professor BAIN.

A study of the natural history of rocks and their identification. Three hours of classroom and two hours of laboratory work per week. Requisite: Geology 17. *Elective for Sophomores. Second semester.*

21. WORLD RESOURCES. Professor BAIN.

An investigation into the supplies of materials from the earth, available to man, and the average requirement per person of each. Land acreage, water power, and mineral resources are studied in detail. Three hours classroom or seminar and two hours of laboratory work or library research per week. *Elective for Juniors with the consent of the instructor. First semester.*

22. WORLD RESOURCES. Professor BAIN.

A continuation of Geology 21. Requisite: Geology 21. *Elective for Juniors with the consent of the instructor. Second semester.*

25. INTRODUCTION TO OCEANOGRAPHY. Professor PHLEGER.

An analysis of the physical, chemical, biological, and geological nature of the oceans and the applications to various problems. Three hours classroom and several hours of laboratory work per week, with some field work at sea. Requisite: One college course in any of the following: physics, chemistry, biology, or geology. *Elective for Sophomores. First semester.*

31. INTRODUCTION TO PALEONTOLOGY. Professor PHLEGER.

A study of invertebrate and vertebrate fossil animals, their interrelationships, their uses, and their evolution. Requisite: A college course in geology or biology. Three hours classroom and three hours laboratory work per week. *Elective for Juniors. First semester.*

32. INVERTEBRATE PALEONTOLOGY. Professor PHLEGER.

The identification, occurrences, and interrelationships of fossil invertebrate animals. One or more conferences and several hours laboratory and library work per week. Requisite: Geology 31. *Elective for Juniors. Second semester.*

33. INVERTEBRATE PALEONTOLOGY. Professor WOOD.

The evolution of fossil vertebrates and the relationship of environment to evolution. Techniques of preparation of fossils. Individual laboratory problems. Three hours classroom and three hours laboratory work per week. (Same course as Biology 31.) Requisite: Geology 31 or Biology 22. *Elective for Juniors. First semester.*

35. MINERAL DEPOSITS. Professor BAIN.

A study of the origin and distribution of bodies that contain minerals essential to modern industrial life. Two or more discussion periods and several hours of laboratory work per week. Requisite: Geology 17-18. *Elective for Juniors. (Not offered in 1947-1948.)*

36. STRUCTURAL GEOLOGY. Professor BAIN.

An investigation into the architecture of the earth. Two or more discussion periods and several hours of laboratory work per week. Requisite: Geology 1-2. *Elective for Juniors. (Not offered in 1947-1948.)*

59. CONFERENCE COURSE. Professors BAIN, PHLEGER, and WOOD.

Special investigations of one or more problems in petrology, mineralogy, paleontology or structural geology. Requisite: The background courses and the permission of the department. *Elective for Seniors. First semester.*

60. CONFERENCE COURSE. Professors BAIN, PHLEGER, and WOOD.

Requisite: Geology 59. *Elective for Seniors. Second semester.*

German

See MODERN LANGUAGES

Greek

See CLASSICS

History

Professors PACKARD, SALMON, and SHERMAN;
Associate Professors HAVIGHURST and ROZWENC;
Assistant Professors BENEDICT, GILMORE, and KRANZBERG;
Mr. ZAGORIN

S-101. THE DEVELOPMENT OF WESTERN CIVILIZATION: A SURVEY OF EUROPEAN HISTORY AND AN INTRODUCTION TO THE SOCIAL STUDIES.

Professors PACKARD, SHERMAN, HAVIGHURST, GILMORE, BENEDICT, KRANBERG, and Mr. ZAGORIN.

Lectures, 3 hours; section meetings, 1½ hours. *Required for Freshmen. First semester.*

S-102. THE DEVELOPMENT OF WESTERN CIVILIZATION: A SURVEY OF EUROPEAN HISTORY AND AN INTRODUCTION TO THE SOCIAL STUDIES. Professors PACKARD, SHERMAN, HAVIGHURST, GILMORE, BENEDICT, KRANZBERG, and Mr. ZAGORIN.

Lectures, 3 hours; section meetings, 1½ hours. Requisite: History S-101. *Required for Freshmen. Second semester.*

3. CLASSICAL CIVILIZATION. Professor SHERMAN.

A study of the cultures of Greece and Rome and their contributions to Western Civilization in economics, politics, law, science, literature, and philosophy. Readings from Greek and Latin literature with special reference to Greek drama. *Elective for Sophomores. First semester.*

4. CLASSICAL CIVILIZATION. Professor SHERMAN.

A continuation of History 3. Requisite: History 3. *Elective for Sophomores. Second semester.*

15. THE MIDDLE AGES. Professor GILMORE.

A survey of the period from Rome to the fifteenth century, with emphasis on the history of Christian thought and institutions. *Elective for Sophomores. First semester.*

16. THE MIDDLE AGES. Professor GILMORE.

A continuation of History 15. Requisite: History 15. *Elective for Sophomores. Second semester.*

17. SURVEY OF ENGLISH HISTORY. Professor HAVIGHURST.

Political and social history of England from 1066 to 1714 with emphasis on the Tudor and Stuart periods. *Elective for Sophomores. First semester.*

18. SURVEY OF ENGLISH HISTORY. Professor HAVIGHURST.

Political and social history of England and the British Empire from 1714 to the present. Requisite: History 17. *Elective for Sophomores. Second semester.*

19. AMERICAN HISTORY. Professor ROZWENC.

The political and economic development of the United States, beginning with a brief survey of the colonial background of the American Revolution. *Elective for Sophomores. First semester.*

20. AMERICAN HISTORY. Professor ROZWENC.

Political and economic development of the United States, with special emphasis on America's role in world affairs. Requisite: History 19. *Elective for Sophomores. Second semester.*

21. LATIN AMERICA. Professor SALMON.

The history of Latin America from the period of discovery to the present, with a survey of Iberian backgrounds. *Elective for Sophomores. First semester.*

22. LATIN AMERICA. Professor SALMON.

A continuation of History 21. Requisite: History 21. *Elective for Sophomores. Second semester.*

29. HISTORY OF POLITICAL THOUGHT. Professor SHERMAN.

A study from Greek times to Rousseau of the development of political thought in the West. (Same course as Political Science 29.) *Elective for Sophomores. Second semester.*

31. THE RENAISSANCE. Professor GILMORE.

A study of political, social, and cultural changes in the fifteenth and sixteenth centuries. *Elective for Sophomores. First semester. (Not offered in 1947-1948.)*

32. THE REFORMATION. Professor GILMORE.

A continuation of History 31. Requisite: History 31. *Elective for Sophomores. Second semester. (Not offered in 1947-1948.)*

33. CONTINENTAL EUROPE IN THE NINETEENTH CENTURY. Professor BENEDICT.

The social, economic and political development of the chief Continental European States from 1815 to 1914 combined with their relations and rivalries both in Europe and abroad. *Elective for Sophomores. First semester.*

34. CONTINENTAL EUROPE IN THE NINETEENTH CENTURY. Professor BENEDICT.

A continuation of History 33. Requisite: History 33. *Elective for Sophomores. Second semester.*

37. CONSTITUTIONAL AND LEGAL HISTORY OF ENGLAND. Professor HAVIGHURST.

Anglo-Saxon and feudal survivals; growth of Common Law; origins of governmental administration; evolution of Parliament. *Elective for Juniors. First semester. (Not offered in 1947-1948.)*

38. CONSTITUTIONAL AND LEGAL HISTORY OF ENGLAND. Professor HAVIGHURST.

Tudor strong monarchy; constitutional conflicts of seventeenth century; rise of the Cabinet; nineteenth century democracy; reorganization of the courts; recent developments. Requisite: History 37. *Elective for Juniors. Second semester. (Not offered in 1947-1948.)*

39. EUROPE IN THE AGE OF LOUIS XIV. Professor PACKARD.

This is the first half of a year course. Requisite: History 1-2 and a reading knowledge of French. *Elective for Juniors. First semester.*

40. EUROPE IN THE AGE OF LOUIS XIV. Professor PACKARD.

This is the second half of a year course. Requisite: History 39. *Elective for Juniors. Second semester.*

41. RUSSIA. Professor SALMON.

General history of Russia and the Slavs, with emphasis on recent political and economic developments. *Elective for Juniors. First semester.*

42. RUSSIA. Professor SALMON.

A continuation of History 41. Requisite: History 41. *Elective for Juniors. Second semester.*

49. TWO WORLD WARS. Professor PACKARD.

The first World War and the Peace Settlement of 1919-1925. *Elective for Juniors. First semester. (Not offered in 1947-1948.)*

50. TWO WORLD WARS. Professor PACKARD.

The background and course of World War II. 1925-1945. Requisite: History 49. *Elective for Juniors. Second semester. (Not offered in 1947-1948.)*

53. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES. Professor ROZWENC.

The developvent of American life from the colonial period to the present day with emphasis upon economic influences, racial contributions, religious and educational institutions, humanitarian movements and intellectual currents. *Elective for Juniors. First semester.*

54. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES. Professor ROZWENC.

A continuation of History 53. Requisite: History 53. *Elective for Juniors. Second semester.*

55. CONFERENCE COURSE. (HONORS.) THE DEPARTMENT.

Elective for Juniors. First semester.

56. CONFERENCE COURSE. (HONORS.) THE DEPARTMENT.

A continuation of History 55. Requisite: History 55. *Elective for Juniors. Second semester.*

59. CONFERENCE COURSE. (HONORS.) THE DEPARTMENT.

Elective for Seniors. First semester.

60. CONFERENCE COURSE. (HONORS.) THE DEPARTMENT.

A continuation of History 59. *Elective for Seniors. Second semester.*

Humanities

S-101. HUMANITIES. Professors WHICHER, ATKINSON, LAMPRECHT, FUNNELL (*chairman*), SCENNA, MARTIN, FEW and KRANZBERG, and Mr. MOORE.

A reading course: fairly rapid reading both for understanding and for enjoyment. The course is intended to serve as a contribution to the student's general education, and the books are chosen to illustrate certain important stages in the development of Western culture. The reading list varies somewhat from year to year, but in general this semester is given over largely to Greek literature and to the Old Testament. The course is conducted in small sections: class discussions, short papers, occasional lectures. Two hours per week. *Required for Freshmen. First semester.*

S-102. HUMANITIES. Professors WHICHER, ATKINSON, LAMPRECHT, FUNNELL (*chairman*), SCENNA, MARTIN, FEW and KRANZBERG and Mr. MOORE.

A continuation of Humanities S-101. The reading list for this semester includes general works selected from the medieval, Renaissance and modern periods. Three hours per week. Requisite: Humanities S-101. *Required for Freshmen. Second semester.*

Latin

See CLASSICS

Mathematics

Professors B. L. BROWN, NEWLIN, and SPRAGUE;
Assistant Professors BREUSCH and GRAFF

A. ANALYTIC GEOMETRY AND CALCULUS. Professor SPRAGUE.

Given during first semester of 1947-1948 only, to prepare nonfreshmen for Mathematics B. Three hours per week. Requisite: Trigonometry or the consent of the instructor. *Elective for Sophomores. First semester.*

B. CALCULUS. Professor SPRAGUE.

Topics in calculus not discussed in Science S-101, S-102. Four hours per week. Requisite: Science S-101 or Mathematics A. *Elective for Freshmen. Second semester.*

15. AN INTRODUCTION TO DIFFERENTIAL AND INTEGRAL CALCULUS. Professor SPRAGUE.

Fundamental processes, derivatives by the fundamental method, and by formulae, maxima and minima, motion. Integration of simple algebraic expressions; applications to geometry and physics. Requisite: Mathematics 2 or 11. *Elective for Sophomores. First semester.*

16. CALCULUS. Professors SPRAGUE, BROWN, and GRAFF.

A continuation of Mathematics 15. Differentiation of trigonometric and logarithmic expressions; formal integration; applications to geometry and physics; infinite series. Requisite: Mathematics 15 or 12. *Elective for Sophomores. First semester.*

16. CALCULUS. Professor SPRAGUE.

A continuation of Mathematics 15. Same description as above. Requisite: Mathematics 15 or 12. *Elective for Sophomores. Second semester.*

18. DIFFERENTIAL EQUATIONS. Professors BREUSCH and GRAFF.

Treatment of ordinary differential equations with principal types of first and second order equations, linear equations with constant coefficients, simultaneous equation. Brief discussion of simple partial differential equations. Applications to geometry, physics and other branches of science. Requisite: Mathematics 16. *Elective for Sophomores. Second semester.*

21. VECTOR ANALYSIS. Professor BREUSCH.

Addition and subtraction of vectors, the products, calculus of vectors, applications to geometry and physics. Requisite: Mathematics 16. *Elective for Juniors, or for Sophomores with the consent of the instructor. First semester.*

31. ADVANCED CALCULUS. Professor SPRAGUE.

Multiple integrals, geometry of space, partial differentiation, implicit function theory. Required for a major in mathematics. Requisite: Mathematics 16. *Elective for Sophomores. First semester.*

32. ADVANCED CALCULUS. Professor SPRAGUE.

Line and surface integrals, transformation of integrals, and other topics when time permits. Required for a major in mathematics. Requisite: Mathematics 31. *Elective for Juniors. Second semester.*

37. STATISTICS. Professor GRAFF.

Graphic representation, frequency distribution, index numbers, correlation, probability and least squares. Requisite: Mathematics 1 or 11. *Elective for Juniors. First semester.*

38. STATISTICS. Professor GRAFF.

A continuation of Mathematics 37. Requisite: Mathematics 37. *Elective for Juniors. Second semester.*

40. MODERN MATHEMATICS. Professor BROWN.

A few simple mathematical systems of current interest will be constructed and studied. An exercise in the postulational method from a cultural standpoint. *Elective for Juniors. Second semester.*

59. CONFERENCE COURSE. Professor BROWN.

Elective for Seniors. First Semester.

60. CONFERENCE COURSE. Professor BROWN.

A continuation of Mathematics 59. Requisite: Mathematics 59. *Elective for Seniors. Second semester.*

Modern Languages

Modern Languages is not a department, but for convenience is entered here as a unit. Listed below are the departments of German and Romance Languages; the latter includes French, Italian, and Spanish.

French

Professors ATKINSON, FUNNELL, TURGEON, and WILLIAMS;
Associate Professor FRENCH; Assistant Professor MEADOWS;

Mr. ST. JOHN;

Assistants JOST, NAMY, REITMAN.

S-101. ELEMENTARY COURSE. Professor MEADOWS, Messrs. JOST and NAMY.

Grammar, pronunciation, oral practice. This course will meet three hours per week for explanation and demonstration, four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

S-102. INTERMEDIATE AND ADVANCED COURSE. Professors TURGEON and FRENCH, and Messrs. REITMAN, JOST, and NAMY.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. This course will be divided according to previous preparation and ability. It will meet three hours per week for explanation and demonstration, four hours per week in small sections for oral practice. Requisite: A satisfactory grade in the CEEB Achievement Test. *Elective for Freshmen only. First semester.*

S-102. INTERMEDIATE AND ADVANCED COURSE. Professor TURGEON and Messrs. NAMY and REITMAN.

Same description as above. Requisite: French S-101. *Elective for freshmen. Second semester.*

S-103. READING COURSE. Professor TURGEON and Messrs. JOST and NAMY.

The technique of reading French. This course will meet three hours per week for demonstration and explanation and three hours per week in small sections for oral practice and discussion. The course will be conducted as far as possible in French. Requisite: A satisfactory score in the CEEB Achievement Test plus a demonstrated ability to understand the spoken language, or French S-102. *Elective for Freshmen only. Second semester.*

S-104. INTRODUCTION TO FRENCH LITERATURE. Professor FUNNELL and Mr. REITMAN.

Reading and discussion of selected literary texts. The course will be conducted as far as possible in French. Four hours per week. Requisite: Satisfaction of the language requirement in French at entrance or at the end of the first semester. *Elective for Freshmen only. Second semester.*

3. INTERMEDIATE COURSE. Professor MEADOWS and Mr. ST. JOHN.
Requisite: French 11. *Elective for Sophomores. First semester.*

4. INTERMEDIATE COURSE. Professor MEADOWS and Mr. ST. JOHN.
Requisite: French 3. *Elective for Sophomores. Second semester.*

5. READINGS IN FRENCH LITERATURE OF THE NINETEENTH CENTURY.

Professors WILLIAMS, FUNNELL, and FRENCH.

Requisite: French 12 or French 4. *Elective for Sophomores. First semester.*

6. READINGS IN FRENCH LITERATURE OF THE NINETEENTH CENTURY.

Professors WILLIAMS, ATKINSON, and MEADOWS.

Requisite: French 5. *Elective for Sophomores. Second semester.*

S-108. COMPOSITION AND CONVERSATION.

This course will have two hours per week of composition and three hours per week of conversation. Requisite for Freshmen: Satisfaction of the language requirement in French at entrance or at the end of the first semester and the consent of the instructor. Requisite for upperclassmen: A grade of "B" in French 5-6 or a higher course and the consent of the instructor. *Elective for Freshmen. Second semester. (Not offered in 1947-1948.)*

15. READINGS IN FRENCH LITERATURE BEFORE 1800. Professor FUNNELL.

Requisite for Sophomores: French 6. Requisite for Freshmen: Satisfaction of the language requirement in French at entrance. For Freshmen two hours per week of special work will be added to the normal three meetings per week. *Elective for Freshmen. First semester.*

16. READINGS IN FRENCH LITERATURE BEFORE 1800. Professor FUNNELL.

Requisite: French 15. For Freshmen two hours per week of special work will be added to the normal three hours per week. *Elective for Freshmen. Second semester.*

19. THE RISE AND DEVELOPMENT OF THE FRENCH NOVEL. Professor WILLIAMS.

Requisite: A grade of "C" in French 5-6. *Elective for Sophomores. First semester.*

20. THE RISE AND DEVELOPMENT OF THE FRENCH NOVEL. Professor WILLIAMS.

Requisite: French 19, or the consent of the instructor. *Elective for Sophomores. Second semester.*

31. READINGS IN FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Professor TURGEON.

Requisite: A grade of "C" in French 5-6 or 15-16. *Elective for Juniors and for Sophomores who have completed French 15-16. First semester.*

32. READINGS IN FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Professor TURGEON.

Requisite: French 31, or the consent of the instructor. *Elective for Juniors and for Sophomores who have completed French 31. Second semester.*

33. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY. Professor ATKINSON.

Requisite: A grade of "C" in French 5-6 or 15-16. *Elective for Juniors, and for Sophomores who have completed French 15-16. First semester.*

34. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY. Professor ATKINSON.

Requisite: French 33, or the consent of the instructor. *Elective for Juniors, and for Sophomores who have completed French 33. Second semester.*

59. CONFERENCE COURSE. Professor ATKINSON.

Elective for Seniors. First semester.

60. CONFERENCE COURSE. Professor ATKINSON.

Requisite: French 59. *Elective for Seniors. Second semester.*

German

Professors MANTHEY-ZORN and SCENNA;

Messrs. ACKERMANN and PEPPARD;

Assistant Mrs. BREUSCH.

- S-101. ELEMENTARY COURSE. Professor SCENNA, Mr. ACKERMANN, and Mrs. BREUSCH.

Grammar, pronunciation, oral practice. This course will meet three hours per week for explanation and demonstration, and four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

- S-102. INTERMEDIATE AND ADVANCED COURSE. Professor MANTHEY-ZORN, and Messrs. ACKERMANN and PEPPARD.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. This course will be divided according to previous preparation and ability. It will meet three hours per week for explanation and demonstration, and four hours per week in small sections for oral practice. Requisite: A satisfactory grade in the CEEB Achievement Test. *Elective for Freshmen only. First semester.*

S-102. INTERMEDIATE AND ADVANCED COURSE. Messrs. ACKERMANN and PEPPARD.

Same description as above. Requisite: German S-101. *Elective for Freshmen. Second semester.*

S-103. READING COURSE. Professor MANTHEY-ZORN and Mr. PEPPARD.

The technique of reading German. This course will meet three hours per week for demonstration and explanation, and three hours per week in small sections for practice and discussion. The course will be conducted as far as possible in German. Requisite: A satisfactory score in the CEEB Achievement Test plus a demonstrated ability to understand spoken German, or German S-102. *Elective for Freshmen only. Second semester.*

S-104. INTRODUCTION TO GERMAN LITERATURE. Professor SCENNA.

Reading and discussion of selected literary texts. This course will meet five hours per week. It will be conducted as far as possible in German. Requisite: Satisfaction of the language requirement in German at entrance or at the end of the first semester. *Elective for Freshmen. Second semester.*

11. ELEMENTARY AND INTERMEDIATE COURSE. Mr. ACKERMANN.

Grammar, pronunciation, composition, syntax; reading of modern prose; a representative work of Goethe or Schiller. *Elective for Sophomores. First semester.*

12. ELEMENTARY AND INTERMEDIATE COURSE. Mr. ACKERMANN.

A continuation of German 11. Requisite: German 11. *Elective for Sophomores. Second semester.*

3. INTERMEDIATE COURSE. Mr. ACKERMANN.

Reading of modern prose; a representative work of Goethe or Schiller. Requisite: Entrance German B, or its equivalent. *Elective for Sophomores. First semester.*

4. INTERMEDIATE COURSE. Mr. ACKERMANN.

A continuation of German 3. Requisite: German 3. *Elective for Sophomores. Second semester.*

5. ADVANCED COURSE. Professor SCENNA and Mr. PEPPARD.

Readings in modern prose, with emphasis on the short story and the essay. Extensive practice in conversation. Requisite: German 3 - 4, German 11-12, or the equivalent. *Elective for Sophomores. First semester.*

6. ADVANCED COURSE. Professor SCENNA and Mr. PEPPARD.

A continuation of German 5. Requisite: German 5. *Elective for Sophomores. Second semester.*

7. GOETHE. Professor MANTHEY-ZORN.

Faust, parts I and II. Study of Goethe's life. Requisite: German 5 - 6, or a "B" in German 3-4 or German 12. *Elective for Sophomores. First semester.*

8. GOETHE. Professor MANTHEY-ZORN.

A continuation of German 7. Requisite: German 7. *Elective for Sophomores. Second semester.*

33. STUDIES IN GERMAN CULTURE. Professor MANTHEY-ZORN.

Assignment of individual problems. *Elective, with the consent of the instructor, for Juniors. First semester.*

34. STUDIES IN GERMAN CULTURE. Professor MANTHEY-ZORN.

A continuation of German 33. Requisite: German 33. *Elective with the consent of the instructor, for Juniors. Second semester.*

Italian

Associate Professor FRENCH;
Assistant Professor MEADOWS;
Assistant DONATI.

S-101. ELEMENTARY COURSE. Professor FRENCH.

Grammar, pronunciation, oral practice. This course will meet three hours per week for explanation and demonstration, four hours per week in small sections for practice. *Elective for Freshmen. First semester. (Not offered in 1947-1948.)*

S-102. INTERMEDIATE AND ADVANCED COURSE. Professor FRENCH.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. This course will meet three hours per week for explanation and demonstration. Four hours per week in small sections for oral practice. Requisite: Italian S-101. *Elective for Freshmen. Second semester. (Not offered in 1947-1948.)*

33. DANTE. Professor FRENCH.

The *Divina Commedia* with a study of the social and political background of the work. Requisite: Italian 15-16. *Elective for Juniors. First semester.*

34. DANTE. Professor MEADOWS.

A continuation of Italian 33. Requisite: Italian 33. *Elective for Juniors. Second semester.*

Spanish

Assistant Professor JEANS; Mr. ST. JOHN;
Assistants Mrs. FRAKER and Mr. HOOVER.

S-101. ELEMENTARY COURSE. Messrs. ST. JOHN and HOOVER.

Grammar, pronunciation, oral practice. This course will meet three hours per week for explanation and demonstration, and four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

S-102. INTERMEDIATE AND ADVANCED COURSE. Professor JEANS, Mrs. FRAKER, and Mr. HOOVER.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. This course will meet three hours per week for explanation and demonstration, and four hours per week in small sections for oral practice. Requisite: A satisfactory grade in the CEEB Achievement Test. *Elective for Freshmen only. First semester.*

S-102. INTERMEDIATE AND ADVANCED COURSE. Messrs. ST. JOHN and HOOVER.

Same description as above. Requisite: Spanish S-101. *Elective for Freshmen. Second semester.*

S-103. READING COURSE. Professor JEANS, Mrs. FRAKER, and Mr. HOOVER.

The technique of reading Spanish. This course will meet three hours per week for explanation and demonstration, and three hours per week in small sections for practice and discussion. The course will be conducted as far as possible in Spanish. Requisite: A satisfactory score in the CEEB Achievement Test plus a demonstrated ability to understand the spoken language, or Spanish S-102. *Elective for Freshmen only. Second semester.*

5. ADVANCED COURSE. Professor JEANS.

Requisite: Spanish 12, Spanish 4, or three years of Spanish at entrance. *Elective for Sophomores. First semester.*

6. ADVANCED COURSE. Professor JEANS.

A continuation of Spanish 5. Requisite: Spanish 5. *Elective for Sophomores. Second semester.*

15. READINGS IN SPANISH LITERATURE BEFORE 1650. Professor JEANS.

Requisite: Spanish 6 or the consent of the Department. *Elective for Sophomores. First semester.*

16. READINGS IN SPANISH LITERATURE AFTER 1650. Professor JEANS.

A continuation of Spanish 15. Requisite: Spanish 15 or the consent of the Department. *Elective for Sophomores. Second semester.*

Music

Professor V. MORGAN; Assistant Professor MISHKIN.

1. HISTORY AND LITERATURE OF MUSIC. Professor V. MORGAN.

The development of music studied through its masterpieces. The social and instrumental backgrounds of various epochs. This course is designed primarily for listeners and presupposes no knowledge of music. *Elective for Sophomores. First semester. (Not offered after 1947-1948.)*

2. HISTORY AND LITERATURE OF MUSIC. Professor V. MORGAN.

A continuation of Music 1. Requisite: Music 1. *Elective for Sophomores. Second semester. (Not offered after 1947-1948.)*

13. APPLIED MUSIC.

Courses are offered in the following branches of applied music: piano, organ, violin, viola, violoncello. These courses may be elected by a limited number of students who satisfy the department, at an audition, that they are prepared to undertake the study of solo music literature of artistic worth. Students will normally be expected to begin their college work in applied music in their freshman or sophomore year. Credit will not be granted for less than two or more than three years of applied music except by special permission of the Dean.

Courses in applied music require: (a) one private hour in instruction per week; (b) attendance at a weekly lecture on the literature of keyboard music (during two consecutive years of study); (c) participation in a weekly session of ensemble playing; (d) a minimum of six hours of practice per week. String students may, at the discretion of the department, substitute an extra hour of practice for (b) provided they elect or have completed Music 1. Freshmen students of stringed instruments will be expected to elect Music 1 in their sophomore year if they have been excused from (b).

Private instruction will be given by members of the Department of Mu-

sis of Smith College. A fee will be charged to cover part of the cost of this instruction. *Elective for Freshmen with the consent of the Department. First semester.*

14. APPLIED MUSIC.

A continuation of Music 13. *Elective for Freshmen with the consent of the Department. Second semester.*

15. ELEMENTARY THEORY. Professor MISHKIN.

A study of the rhythmic, melodic, and harmonic organization of musical tones with emphasis on the harmonic idiom of the eighteenth century. Writing in four parts; analysis; ear training. Triads and their inversions, non-harmonic tones, writing in the style of the Bach chorales. Requisite: Ability to play all written work. *Elective for Sophomores. First semester. Limited to fifteen students.*

16. ELEMENTARY THEORY. Professor MISHKIN.

A continuation of Music 15. Seventh chords, secondary dominants, elementary phrase construction. *Elective for Sophomores. Second semester. Limited to fifteen students.*

17. BEETHOVEN. Professor V. MORGAN.

Beethoven's orchestral, chamber, and piano music. Requisite Music 1-2. *Elective for Sophomores. (Not offered in 1947-1948.)*

18. WAGNER. Professor V. MORGAN.

The music dramas of Richard Wagner. Requisite: Music 1-2. *Elective for Sophomores. (Not offered in 1947-1948.)*

19. BACH and MOZART. Professor MISHKIN.

Choral and instrumental music by J. S. Bach; instrumental music by Mozart. Requisite: Music 1-2. *Elective for Sophomores. First semester.*

20. MOZART and BRAHMS. Professor V. MORGAN.

Mozart's *Don Giovanni*; instrumental music by Brahms. Requisite: Music 1-2. *Elective for Sophomores. Second semester.*

31. CHROMATIC HARMONY AND ANALYSIS. Professor MISHKIN.

A continuation of Music 15-16 with emphasis on the harmonic idioms of the nineteenth century. Requisite: Music 15-16. *Elective for Juniors or qualified Sophomores. First semester. (Not offered in 1947-1948.)*

32. CHROMATIC HARMONY AND ANALYSIS. Professor MISHKIN.

A continuation of Music 31. Study of twentieth century idioms; new scales, parallelism, contrary motion, ostinati, polytonality, atonality. Requisite Music 31. *Elective for Juniors or qualified Sophomores. Second semester. (Not offered in 1947-1948.)*

55. CONFERENCE COURSE. Professors V. MORGAN and MISHKIN.

Elective for Juniors. First semester.

56. CONFERENCE COURSE. Professors V. MORGAN and MISHKIN.

Elective for Juniors. Second semester.

59. CONFERENCE COURSE. Professors V. MORGAN and MISHKIN.

Elective for Seniors. First semester.

60. CONFERENCE COURSE. Professors V. MORGAN and MISHKIN.

Elective for Seniors. Second semester.

Philosophy

Professors KENNEDY, and LAMPRECHT;
Assistant Professors FEW and KATZ.

15. INTRODUCTION TO PHILOSOPHICAL LITERATURE. Professors LAMPRECHT and KATZ.

A critical reading of certain classics of philosophy. For 1947-1948, Plato's *Republic*, Lucretius's *On the Nature of Things*, Hume's *Enquiry concerning Human Understanding*, Mill's *Three Essays on Religion*. *Elective for Sophomores. First semester.*

16. INTRODUCTION TO PHILOSOPHICAL LITERATURE. Professors LAMPRECHT and KATZ.

A continuation of Philosophy 15. Requisite: Philosophy 15. *Elective for Sophomores. Second semester.*

17. LOGIC. Professors FEW and KATZ.

The science of exact thinking, including a study of the elements of symbolic logic, semantics, and scientific method. This course will meet in two sections. *Elective for Sophomores. First semester.*

18. ETHICS. Professor KENNEDY.

The social basis of morality, theory of the moral life, morals and social problems. *Elective for Sophomores. Second semester.*

20. PHILOSOPHY OF EDUCATION. Professor KENNEDY.

A comparative and critical study of contemporary theories of education in terms both of their historical origins and of current problems and controversies. (Same course as Education 20.) *Elective for Juniors. First semester.*

32. AMERICAN PHILOSOPHY SINCE 1860. Professor KENNEDY.

The history of ideas in America in relation to changing social and economic conditions. *Elective for Juniors. Second semester.*

33. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY. Professor LAMPRECHT.

A survey of European philosophy from the early Greeks to the Renaissance. Reading and discussion of selected works of the period. Requisite: One course in philosophy. *Elective for Juniors. First semester.*

34. HISTORY OF MODERN PHILOSOPHY. Professor LAMPRECHT.

A survey of European philosophy in the seventeenth, eighteenth, and nineteenth centuries. Reading and discussion of selected works of the period. Requisite: Philosophy 33 or the consent of the instructor. *Elective for Juniors. Second semester.*

38. PHILOSOPHY OF RELIGION. Professor MARTIN.

A systematic analysis of some major problems of religious belief: Religious knowledge and communication; religious interpretations of nature; religious appraisals of man and nature. (Same course as Religion 38.) Requisite: Two semester courses in philosophy or religion, or the consent of the instructor. *Elective for Juniors. Second semester.*

43. REPRESENTATIVE MODERN PHILOSOPHERS. Professor KENNEDY.

A critical study of certain great modern philosophers. For the year 1947-1948 the books to be read will be selected in conference with the class. Individual reports and essays will be assigned. Requisite: A grade of "B" in one course in philosophy. *Elective for Juniors. First semester.*

44. REPRESENTATIVE MODERN PHILOSOPHERS. Professor FEW.

A critical examination of some significant contemporary philosophers. Material covered will depend on the interests of the class, though some attention will be given to the theory of meaning and the nature of language. Requisite: One course in philosophy. *Elective for Juniors. Second semester.*

55. CONFERENCE COURSE. THE DEPARTMENT.

Elective for Juniors. First semester.

56. CONFERENCE COURSE. THE DEPARTMENT.

A continuation of Philosophy 55. Requisite: Philosophy 55. *Elective for Juniors. Second semester.*

59. CONFERENCE COURSE. THE DEPARTMENT.

Elective for Seniors. First semester.

60. CONFERENCE COURSE. THE DEPARTMENT.

A continuation of Philosophy 59. Requisite: Philosophy 59. *Elective for Seniors. Second semester.*

Physical Education

Professors JORDON, LUMLEY, and MARSH; Associate Professor ECKLEY;
Assistant Professors M. J. KENNEDY, ORMISTON, RICHARDSON,
and ROSTAS; Messrs. ECK, GILLESPIE, J. C. ROGERS,
and VAN PETERSILGE.

Complete physical examination, physical fitness tests, special exercises for remedial defects, and a program of instruction and participation in team games and sports.

Required for Freshmen and Sophomores and men who have not met the department standards in swimming, fitness, team games and recreational sports.

Physics

Professors SOLLER and STIFLER;
Associate Professor HALL;
Assistant Professors R. BREUSH and FAIRBANK;
Messrs. BENSON and HEMOND.

1. GENERAL PHYSICS: MECHANICS, SOUND, HEAT. PROFESSOR STIFLER.

While the analytical method of presentation is stressed at times, fundamental phenomena and principles, rather than rigid theoretical derivations, are emphasized. Three hours classroom and one three-hour laboratory period per week. Requisite: Plane trigonometry. *Elective for Freshmen. First semester. (Not offered after 1947-1948.)*

2. GENERAL PHYSICS: ELECTRICITY, MAGNETISM AND LIGHT. Professor STIFLER.

A continuation of Physics 1. Three hours classroom and one three-hour laboratory period per week. Requisite: Physics 1. *Elective for Freshmen. Second semester. (Not offered after 1947-1948.)*

15. MECHANICS. Professor FAIRBANK.

A more advanced treatment of the fundamental topics in mechanics than is possible in Physics 1, employing differential and integral calculus methods. Topics treated: statics and dynamics of particles and of rigid bodies, gyroscopic motion, gravitation, periodic motion, elasticity, hydrostatics, surface forces, hydrodynamics, and viscosity. The laboratory work emphasizes precision methods applied to a carefully selected group of standard experiments. Three hours classroom and one three-hour laboratory period per week. Requisites: Physics 2, and Mathematics 15 which may be taken concurrently. *Elective for Sophomores. First semester.*

16. MECHANICS, HEAT, AND SOUND. Professor FAIRBANK.

A continuation of the discussion of general properties of matter begun in Physics 15, followed by: principles of thermometry and calorimetry, first and second laws of thermodynamics, kinetic theory of gases, behavior of ideal and real gases; mechanics of vibrating bodies, sound. Three hours classroom and one three-hour laboratory period per week. Requisites: Physics 15, and Mathematics 16 which may be taken concurrently. *Elective for Sophomores. Second semester.*

17. ELECTRICITY AND MAGNETISM. Professor STIFLER.

Fundamentals of electrostatics and magnetostatics: Gauss's theorem and its applications; the general concept of potential as applied to both electric and magnetic fields; method of electric images. Basic theory of direct current circuits: applications of Ohm's law, Kirchoff's laws, energy and power relations. The methods of the calculus are used whenever they facilitate the treatment. The laboratory work emphasizes standard methods for magnetic and electrical measurements. Three hours classroom and one three-hour laboratory period per week. Requisite: Physics 2, and Mathematics 15 which may be taken concurrently. *Elective for Sophomores. First semester.*

18. ELECTRICITY AND MAGNETISM. Professor STIFLER.

A continuation of Physics 17. General methods of analysis illustrated by treatment of: theory of galvanometers, magnetic circuits, transient phenomena, fundamentals of alternating current circuit theory, resonance in electric circuits, elementary vacuum tube theory, etc. Three hours class-

room and one three-hour laboratory period per week. Requisites: Physics 17, and Mathematics 16 which may be taken concurrently. *Elective for Sophomores. Second semester.*

20. OPTICS. Professor HALL.

A basic treatment of the principles of geometrical and physical optics. The use of simple optical systems, prisms, diffraction gratings, spectrographs; the nature of diffraction and interference phenomena. Three hours classroom and one three-hour laboratory period per week. Requisite: Physics 2 and Mathematics 2 or 11. *Elective for Sophomores. First semester.*

22. ELECTRONICS. Professor HALL.

Theory and electrical characteristics of vacuum and gas-filled thermionic tubes, light-sensitive devices, and cathode ray tubes. Elementary analysis of vacuum tube circuits, with applications to design of voltage and current amplifiers, rectifiers, oscillators, and generators of miscellaneous types of wave-form. Three hours classroom and one three-hour laboratory period per week. Requisite: Physics 17. *Elective for Sophomores. Second semester.*

31. INTRODUCTION TO THEORIES OF MATTER AND RADIATION. Mr. BENSON.

A survey of the successes and failures of classical physics in accounting for the experimental facts discovered before the beginning of the present century; rise of quantum theory and its applications. Three hours classroom discussion per week. Requisites: At least four semester courses in physics (preferably more), Mathematics 16. *Elective for Juniors. First semester.*

32. INTRODUCTION TO THEORIES OF MATTER AND RADIATION. Mr. BENSON.

A continuation of Physics 31. Basic concepts of modern atomic and nuclear theory, spectroscopy, etc. The whole course is intended to provide the student with a background for future reading and study rather than to survey *all* of the most recent developments. Three hours of classroom discussion per week. Requisite: Physics 31. *Elective for Juniors. Second semester.*

33. INTRODUCTION TO THE METHODS OF EXPERIMENTAL RESEARCH. THE DEPARTMENT.

Each student works on an individual problem, chosen with the approval of the instructor, and is given the facilities for the investigation, including

special apparatus and equipment as needed. The emphasis is on the development of individual initiative and resourcefulness in meeting difficulties as they arise in the course of the investigation. A formal, written report on the work accomplished is required. A minimum of nine hours per week in the laboratory or in conference. Requisites: At least four semesters of physics beyond Physics 2, and Chemistry 2. *Elective for Juniors. First semester.*

34. INTRODUCTION TO THE METHODS OF EXPERIMENTAL RESEARCH. THE DEPARTMENT.

A continuation of Physics 33. As a rule a student is expected to register for both courses. With the approval of the department a student may begin work in the second semester by electing Physics 34 without previous registration in Physics 33. *Elective for Juniors. Second semester.*

51. THEORETICAL PHYSICS. MR. BENSON.

An introduction to the methods and problems of mathematical physics. General methods illustrated by discussion of selected topics chosen chiefly from mechanics, heat, and electricity. Intended primarily for physics majors planning on graduate study. Three hours classroom work per week. Requisite: At least two year courses in mathematics and two year courses in physics. *Elective for Seniors. First semester.*

52. THEORETICAL PHYSICS. MR. BENSON.

A continuation of Physics 51. Requisite: Physics 51. *Elective for Seniors. Second semester.*

59. CONFERENCE COURSE. THE DEPARTMENT.

Elective for Seniors. First semester.

60. CONFERENCE COURSE. THE DEPARTMENT.

A continuation of Physics 59. Requisite: Physics 59. *Elective for Seniors. Second semester.*

Political Science

Professors LOEWENSTEIN and SHERMAN;
Associate Professor ZIEGLER; Mr. KLAIN.

1. INTRODUCTION TO POLITICAL SCIENCE. MR. KLAIN.

An introduction to the major problems of American democracy; their political, economic and social implications and their historical evolution.

Politics and administration in their relation to constitutional government; federalism, suffrage, governmental functions. *Elective for Sophomores. First semester.*

2. INTRODUCTION TO POLITICAL SCIENCE. Mr. KLAIN.

A continuation of Political Science 1. Requisite: Political Science 1. *Elective for Sophomores. Second semester.*

15. ELEMENTS OF MODERN POLITICS. Professor LOEWENSTEIN.

A systematic introduction to the functions, techniques and institutions of the modern state and the interrelationship of state, government, and people. A comparative study of theory and practice of contemporary governments in countries under democratic and autocratic rule, with emphasis on current events. *Elective for Sophomores. First semester.*

16. ELEMENTS OF MODERN POLITICS. Professor LOEWENSTEIN.

A continuation of Political Science 15. Requisite: Political Science 15 or the consent of the instructor. *Elective for Sophomores. Second semester.*

19. POLITICAL GEOGRAPHY. Professor KENDALL.

The significance of geographic elements in the growth and structure of states. General consideration of the importance of physical and cultural environment in the development of the political pattern of the world. Detailed study of selected countries. (Same course as Geography 19.) *Elective for Sophomores. First semester.*

29. HISTORY OF POLITICAL THOUGHT. Professor SHERMAN.

A study from Greek times to the present of the development of political thought in the West. (Same course as History 29.) *Elective for Sophomores. Second semester.*

31. BASIC CONCEPTS OF AMERICAN CONSTITUTIONAL LAW. Professor ZIEGLER.

A study of leading constitutional principles in the United States as interpreted by the courts. Attention is focused on a series of problems (due process, civil and political rights, commerce, etc.) and the court cases examined and analyzed against the background of history, politics, economics, and personality surrounding them and out of which they grew. Designed for students who desire a non-technical knowledge of the more important federal and state constitutional principles in the United States. Requisite: Political Science 1-2. *Elective for Juniors. First Semester.*

32. BASIC CONCEPTS OF AMERICAN CONSTITUTIONAL LAW. Professor ZIEGLER.

A continuation of Political Science 31. Requisite: Political Science 31.
Elective for Juniors. Second semester.

33. INTERNATIONAL LAW AND RELATIONS. Professor ZIEGLER.

Contemporary international relations in law and practice. The historical basis and present trends in the development of international law will be related to the social, economic, and political aspects of present day world politics and government. *Elective for Juniors. First semester.*

34. INTERNATIONAL LAW AND RELATIONS. Professor ZIEGLER.

A continuation of Political Science 33. Requisite: Political Science 33.
Elective for Juniors. Second semester.

45. POLITICAL RECONSTRUCTION. Professor LOEWENSTEIN.

A pragmatic approach to the causes and manifestations of the present world revolution. Analysis of the political transformations under way in individual states and of the international organization, with proper emphasis on the United Nations and its affiliated groups. Major attention given to the technique of reading and interpreting significant documents of constitutional and international character. Requisite: Political Science 2 or 16. *Elective for Juniors with the consent of the instructor. First semester.*

46. POLITICAL RECONSTRUCTION. Professor LOEWENSTEIN.

A continuation of Political Science. 45. Requisite: Political Science 45.
Elective for Juniors with the consent of the instructor. Second semester.

55. CONFERENCE COURSE.

Elective for Juniors. First semester.

56. CONFERENCE COURSE.

A continuation of Political Science 55. Requisite: Political Science 55.
Elective for Juniors. Second semester.

59. CONFERENCE COURSE.

Elective for Seniors. First semester.

60. CONFERENCE COURSE.

A continuation of Political Science 59. Requisite: Political Science 59.
Elective for Seniors. Second semester.

Psychology

Professor TOLL; Associate Professor KOESTER; Mr. LLOYD.

15. INTRODUCTION TO PSYCHOLOGY. Professor KOESTER and Mr. LLOYD.

An introduction to psychological methods of studying behavior and experience and a survey of general principles and significant experimental findings. Three hours classroom per week and eight three-hour laboratory periods per semester. *Elective for Sophomores. First semester.*

16. INTRODUCTION TO PSYCHOLOGY. Professor KOESTER and Mr. LLOYD.

A survey of general psychological principles and significant experimental findings. Three hours classroom per week and eight three-hour laboratory periods per semester. Requisite: Psychology 15. *Elective for Sophomores. Second semester.*

31. SOCIAL PSYCHOLOGY. Professor KOESTER.

A study of the socialization of the developing individual. Special attention will be given to such topics as: biological and social foundations of behavior; social factors in the origin and development of motives, habits, language, leadership, prejudice, intra- and inter-individual conflict, adaptive behavior, religion, etc.; measurement and development of attitudes and opinions; psychological analysis of social institutions and group behavior. Requisite: Psychology 15-16. *Elective for Juniors. First semester.*

32. ABNORMAL PSYCHOLOGY. Professor TOLL.

Mainly a survey of the neuroses, the psychoses, and the mental deficiencies. Requisite: Psychology 15-16. *Elective for Juniors. Second semester.*

33. PRESENT PROBLEMS IN PSYCHOLOGY. Professor TOLL.

A study of contemporary psychological viewpoints as reflected in current psychological literature. Requisite: Psychology 15-16. *Elective for Juniors. First semester.*

34. PRESENT PROBLEMS IN PSYCHOLOGY. Professor TOLL.

A continuation of Psychology 33. Requisite: Psychology 33 or the consent of the instructor. *Elective for Juniors. Second semester.*

38. ADVANCED EXPERIMENTAL PSYCHOLOGY. Professor KOESTER.

A course in experimental design and quantitative methods in psychology. Three hours classroom and three hours laboratory work per week. Requisite: Psychology 15-16 *with laboratory. Elective for Juniors. Second semester.*

40. APPLIED PSYCHOLOGY. Mr. LLOYD.

A course in the application of psychology in the fields of industry, law, vocational guidance and selection, personality adjustment, personnel work, etc. Requisite: Psychology 15-16. *Elective for Juniors. Second semester.*

59. CONFERENCE COURSE. Professor KOESTER.

Individual research and experimental projects. *Elective for Seniors. First semester.*

60. CONFERENCE COURSE. Professor KOESTER.

A continuation of Psychology 59. Requisite: Psychology 59. *Elective for Seniors. Second semester.*

Public Speaking

Professor GARRISON; Assistant Professor YOUNG.

1. FUNDAMENTALS OF ORAL EXPRESSION. Professors GARRISON and YOUNG.

Required for freshmen. First semester.

2. FUNDAMENTALS OF ORAL EXPRESSION. Professors GARRISON and YOUNG.

Required for freshmen. Second semester.

15. EXTEMPORANEOUS SPEAKING; TECHNIQUES AND TYPES OF SPEAKING. Professors GARRISON and YOUNG.

Requisite: A grade of "B" in Public Speaking 1-2 or the consent of the instructor. *Elective for Sophomores. First semester.*

16. EXTEMPORANEOUS SPEAKING; TECHNIQUES AND TYPES OF SPEAKING. Professors GARRISON and YOUNG.

A continuation of Public Speaking 15. Requisite: Public Speaking 15. *Elective for Sophomores. Second semester.*

31. ARGUMENTATION AND THE FORMS OF PUBLIC ADDRESS. Professor GARRISON.

A critical study of techniques effective in persuasion; oral and written composition. Requisite: A grade of "B" in Public Speaking 1-2 and the consent of the instructor. *Elective for Juniors. First semester.*

32. ARGUMENTATION AND THE FORMS OF PUBLIC ADDRESS. Professor GARRISON.

A continuation of Public Speaking 31. Requisite: Public Speaking 31. *Elective for Juniors. Second semester.*

Religion

Associate Professor MARTIN;

Assistant Professor COBURN;

Mr. R. M. BROWN.

17. RELIGIOUS TRADITIONS OF WESTERN CULTURE: BIBLICAL FOUNDATIONS. Professor MARTIN.

Primitive and early Hebrew religion. The Hebrew prophets. Classics of post-exilic Judaism. The life and teachings of Jesus. *Elective for Sophomores. First semester.*

18. RELIGIOUS TRADITIONS OF WESTERN CULTURE: POST-BIBLICAL DEVELOPMENTS. Professor MARTIN.

Greek and Roman Religion. Early Christianity. Religion in the Middle Ages. The Reformation. Religion in America. Contemporary problems of belief and practice. *Elective for Sophomores. Second semester.*

21. RELIGION AND LITERATURE. Professor ELLIOTT.

Christian and pagan ideas in English literature from the beginning to the present, with a comparative study of the four Gospels (in Stevens and Burton's Harmony) as background. Significant poems, dramas, novels, and essays. (Same course as English 7.) *Elective for Sophomores. First semester.*

22. RELIGION AND LITERATURE. Professor ELLIOTT.

A continuation of Religion 21. Special attention to the chief poets of the nineteenth century, particularly Tennyson, Browning, and Arnold. (Same course as English 8.) Requisite: Religion 21. *Elective for Sophomores. Second semester.*

31. ADVANCED STUDY OF THE NEW TESTAMENT.

The foundations of the New Testament in Hebrew life and history. Its relation to the Mediterranean world of the first century. The four Gospels. Requisite: Religion 17 or the consent of the instructor. (*Not offered in 1947-1948.*)

32. ADVANCED STUDY OF THE NEW TESTAMENT.

Literature of the primitive church: The Pauline literature and other New Testament books. The canon, text, and translations of the New Testament. Requisite: Religion 17, or the consent of the instructor. (*Not offered in 1947-1948.*)

37. COMPARATIVE RELIGION. Professor MARTIN.

Introduction to the major beliefs and practices of Confucianism, Taoism, Hinduism, Buddhism, Mohammedanism, Shintoism, Judaism, and Christianity as living world faiths. Requisite: Two semester courses in philosophy or religion, or the consent of the instructor. *Elective for Juniors. First semester.*

38. PHILOSOPHY OF RELIGION. Professor MARTIN.

A systematic analysis of some major problems of religious belief: Religious knowledge and communication; religious interpretations of nature; religious appraisals of man and history. (Same course as Philosophy 38.) Requisite: Two semester courses in philosophy or religion, or the consent of the instructor. *Elective for Juniors. Second semester.*

59. CONFERENCE COURSE.

Elective for Seniors. First semester.

60. CONFERENCE COURSE.

A continuation of Religion 59. Requisite: Religion 59. *Elective for Seniors. Second semester.*

Science

S-101. MATHEMATICAL AND PHYSICAL SCIENCE. Professors B. LEF. BROWN and SOLLER in charge.

A course in physical science and mathematics, treating the fundamental properties of matter, energy, and radiation, with the concurrent development of topics from trigonometry, analytic geometry and calculus selected, in part, to facilitate the physical exposition. The course will be organized in sections, with the aim that each student may proceed in accordance with his aptitude and previous training. Mathematics, 2 hours; Physical Science, 2 hours; Laboratory, 2 hours. *Required for Freshmen. First semester.*

S-102. MATHEMATICAL AND PHYSICAL SCIENCE. Professors B. LEF. BROWN and SOLLER in charge.

A continuation of Science S-101. Mathematics, 2 hours; Physical Science, 3 hours; Laboratory, 2 hours. Requisite: Science S-101. *Required for Freshmen. Second semester.*

Spanish

See MODERN LANGUAGES

III

*Lectureships, Honors, Fellowships, Prizes,
and Awards*

Lectureships

THE HENRY WARD BEECHER LECTURESHIP

This lectureship fund of \$10,000 was founded by the late Frank L. Babott, LL.D., of the class of 1878, in honor of Henry Ward Beecher, of the class of 1834. The incumbent is appointed biennially by the Faculty for supplementary lectures in the departments of history and the political, social, and economic sciences.

THE CLYDE FITCH FUND

A fund of \$20,000 was established by Captain and Mrs. W. G. Fitch of New York in memory of their son, Clyde Fitch, of the class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

THE JOHN WOODRUFF SIMPSON LECTURESHIP

A fund of about \$180,000 was established in memory of John Woodruff Simpson, of the class of 1871, by his wife and daughter. The income is to be used for fellowships and "to secure from time to time, from England, France or elsewhere, scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

THE REYNOLDS FUND

A fund now amounting to somewhat more than \$100,000 was established by the late George W. Reynolds of the class of 1877. Part of the income is accumulated each year and added to the fund. The remainder is available for lectures at the College in the fields of religion and of science.

THE CHARLES E. MERRILL LECTURESHIP

A fund of \$10,000 has been established by Charles E. Merrill of the class of 1908 for a series of lectures on applied economics during the years 1947-48. Upon delivery, these lectures will become the property of Amherst College for publication. Dr. J. Maurice Clark, Professor of Economics at Columbia University, has been selected to present six lectures during the coming year on the general topic, "Strategic Requirements for a Healthy American Economy." The dates for these lectures are December 8 and 10, January 12 and 14, and February 16 and 18.

In addition to this series, other Merrill Lecturers will be brought to the College from the fields of government, business and labor.

Honors

THE BOND FIFTEEN

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of senior year, two speakers are selected upon the basis of literary and oratorical merit to deliver orations at the Senior Chapel service. The Bond Prize of one hundred dollars is awarded to the speaker who delivers the best oration.

The Bond Fifteen, 1946-1947

Leo Peter Arnaboldi, Jr.
Richard Guildford Bateson
Pierre Albert Carrus
David Tredwell Cattell
William Jeremiah Thomas Connelly
Julian Howard Gibbs
Vernon Detweiler Gotwals, Jr.
Donald Ross Grant
James Olds
Sumner Chilton Powell
John Martin Sanders
John Irving Scott
John Edward Soleau
John Stanford
John Means Thompson, III

THE PHI BETA KAPPA SOCIETY

Membership in this honor society is extended to about a tenth of the students of each class. The students elected are those of highest standing and are normally candidates for the degree, with honors. A preliminary election of outstanding students occurs at the end of the first semester of Junior year; and further elections occur at the end of the first semester and at commencement time of Senior year.

Officers, 1947-1948

President: Professor STERLING P. LAMPRECHT

Vice-President: President (Colby College) J. SEELYE BIXLER, '16

Secretary-Treasurer: Professor NEWTON F. MCKEON, JR., '26

Members in Course, 1946-1947

Donald Wesley Alfvén	Donald Ross Grant
Leo Peter Arnaboldi, Jr.	Hyman Edward Mechaber
Richard Guildford Bateson	James Ingram Merrill
Myron Boluch	Alan Warnock Myers
William Skelly Burford	James Olds
Pierre Albert Carrus	Sumner Chilton Powell
David Tredwell Cattell	Joseph Friedland Rosenthal
John Bates Clark, II	John Martin Sanders
William Jeremiah Thomas Connelly	Alfred Howard Schrashun
Lloyd Hillyard Conover	John Irving Scott
Calvin Lee Damp	Walter Alfred Sedelow, Jr.
Louis Aldo DeSanti	Talcott Williams Seelye
Thomas Bonner Flanagan	Howard Kamber Shapar
Julian Howard Gibbs	Alexander Conn Sherrard, II
Charles Edward Goodhue	John Edward Soleau
Vernon Detweiler Gotwals	John Stanford
John Means Thompson, III	

DEGREE WITH HONORS

The degree Bachelor of Arts with honors is awarded at graduation to students whose academic records give evidence of particular merit. It may be awarded *cum laude*, *magna cum laude*, or *summa cum laude*, according to the level of achievement of the candidates. All degrees with honors are noted on the diploma and the Commencement program, and are announced in the annual catalog.

The award of honors is made by the Faculty of the College. In making such award the Faculty will take into account the following factors:

1. Candidates must have a minimum college average of 80 to be eligible to be considered for the degree *cum laude*, of 86 for the degree *magna cum laude*, and of 90 for the degree *summa cum laude*.

2. Candidates must receive the recommendation for the degree *cum laude*, *magna cum laude* or *summa cum laude* from the department in which they have done their major work. Each department will define the conditions upon which it will be their practice to make recommendations to the Faculty.

3. In the case of the award of *magna cum laude* and *summa cum laude* the Dean and the Committee of Six will review the entire record of candidates and will transmit to the Faculty their recommendations. Only students of marked distinction in both general work and in the field of honor studies will be recommended for the *summa cum laude* degree.

To become a candidate the student must have a general average of at least eighty per cent at the end of his sophomore year.

Fellowships

The College's funds for fellowships aggregate more than \$380,000. From the income of these funds fellowships are awarded annually to graduates of Amherst College, and in some instances to graduates of other colleges, for study in graduate or professional schools. Applications should be made in writing to the Dean before January seventh.

The names of those to whom fellowships have been awarded for the current year will be found on page 14.

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Of \$260, established through the agency of the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two installments, one on completion of one-half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the Class of 1858 awards the income of about \$40,000 for three years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

1. He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

2. The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other considerations whatsoever, except that he should have an especially good knowledge of at least one modern foreign language and should have had at least one year of Latin in preparatory school or college.

3. The three years shall be spent by the incumbent at a German University, or, with the approval of the said Faculty, at any other place or places, in the study of philosophy, philology, literature, history, political science, political economy, mathematics or natural science. At least one college term of the final year shall be spent by the incumbent at Amherst

College, where he shall give a series of not more than thirty lectures on a subject selected by himself and approved by the Trustees. The lectures shall be given to the Senior class, but the members of all other classes shall have the privilege of attending.

THE EDWARD HITCHCOCK FELLOWSHIP

The income from a fund of \$20,000 founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., is available for the promotion of graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE AMHERST MEMORIAL FELLOWSHIPS FOR THE STUDY OF SOCIAL, ECONOMIC, AND POLITICAL INSTITUTIONS

A fund of about \$80,000 provides fellowships to perpetuate the memory of those Amherst men who gave their lives for an ideal. The following statement expresses the purposes of the donor of these fellowships: "Realizing the need for better understanding and more complete adjustment between men and existing social, economic, and political institutions, it is my desire to establish a fellowship for the study of the principles underlying these human relationships."

Appointments to these fellowships may be made from the graduating class or the alumni of Amherst College or of other colleges, the object being to permit men of character, scholarly promise, and intellectual curiosity to investigate some problem in the humanistic sciences. Candidates should be men of sound health. During previous training they should have given evidence of marked mental ability in some branch of the social sciences—history, economics, political science—and have given promise of original contribution to a particular field of study. It is desirable that they possess qualities of leadership, a spirit of service, and an intention to devote their efforts to the betterment of social conditions through teaching in its broad sense, journalism, politics, or field work.

Appointments may be made for terms of two years. Tenure may, however, be shorter or longer, depending upon the nature of the subjects investigated or upon other circumstances which, in the judgment of the committee, warrant a variation in the length of tenure.

The stipend will vary according to the circumstances of the appointment. Awards will depend upon those aspects of individual cases which, in the judgment of the committee, most suitably fulfill the purpose of the foundation.

These fellowships will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

THE JOHN WOODRUFF SIMPSON FELLOWSHIPS AND LECTURESHIPS

A fund of about \$180,000 given in memory of John Woodruff Simpson of the class of 1871, by his wife and daughter. The uses of the income as defined by the donors are as follows:

"1. To award to any graduate of Amherst College a fellowship for use in studying law at any school approved by the Board of Trustees of the College;

"2. To award to any graduate of Amherst College a fellowship for use in studying medicine at any school approved by the Board of Trustees of the College;

"3. To award to any graduate of Amherst College a fellowship for use in studying theology at any school approved by the Board of Trustees of Amherst College, without regard to the particular creed or particular religious belief taught thereat;

"4. To award to any graduate of Amherst College a fellowship for use in studying at any school, college or university approved by the Board of Trustees of the College, in preparation for the teaching profession;

"5. To award to any graduate of Amherst College a fellowship for use in graduate study at the universities of Oxford or Cambridge in England;

"6. To award to any graduate of Amherst College a fellowship for use in graduate study at the Sorbonne in Paris;

"7. To secure from time to time from England, France or elsewhere scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

These fellowships will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

THE FORRIS JEWETT MOORE FELLOWSHIPS

These fellowships, three in number, were given in memory of Forris Jewett Moore of the class of 1889 by his widow, Emma B. Moore.

1. A fund of about \$17,000, the income of which is to be used to assist some graduate of Amherst College who has distinguished himself in the study of chemistry while an undergraduate and desires to engage in further study of that subject, preference to be given to eligible candidates whose plans lie in the field of organic chemistry. The beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.

2. A fund of about \$12,000, the income of which is to be awarded to a graduate of Amherst College who has distinguished himself in the study of history while an undergraduate and desires to engage in further

study of that subject. The beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.

3. A fund of about \$14,000, the income of which is to be awarded to a graduate of Amherst College who has distinguished himself in the study of philosophy while an undergraduate and desires to engage in further study of that subject. The beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.

THE HENRY P. FIELD FELLOWSHIPS

Two fellowships of \$500 each are available from the income of the bequest of the late Henry P. Field of the class of 1880, to promote graduate study in the fields of English and History. Appointments are made annually by the College on the recommendation of the departments of English and History.

THE EDWARD POOLE LAY FELLOWSHIP

A fund of \$25,200, given in 1944 by Frank M. Lay, of the class of 1893, and Mrs. Lay, in memory of their son Edward Poole Lay, of the class of 1922. The income from the fund is to be used for a fellowship to be awarded to a graduate of Amherst College who has shown unusual proficiency and talent in music, and who desires to continue his studies in this field. Preference is to be given to a candidate who is proficient in voice. In the event that there is no qualified candidate for the award in any one year in the musical arts (especially voice and instrumental music), then it may be awarded under the same conditions to a qualified candidate in the field of the dramatic arts.

This fellowship will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

THE GEORGE A. PLIMPTON FELLOWSHIPS

These fellowships, established by the Board of Trustees of Amherst College in memory of George A. Plimpton of the class of 1876, a member of the Board from 1890 to 1895 and from 1900 to 1936 and President of the Board from 1907 to 1936, are to be awarded without stipend to members of the senior class who are of outstanding scholastic ability and promise, who plan to continue their studies in graduate school, and who are not in need of financial assistance.

These fellowships will be awarded by the Board of Trustees upon recommendation of the Faculty Fellowship Committee.

FELLOWSHIPS AWARDED BY THE AMERICAN SCHOOLS OF CLASSICAL
STUDIES AT ATHENS AND ROME

The attention of graduate students interested in the Classics and in Archaeology and Ancient Art is called to the opportunities offered by the American Schools of Classical Studies at Athens and Rome. As the College contributes regularly to the support of these schools, any Amherst graduate may enjoy the privileges of study at either school without charge for tuition and may compete for the annual fellowships which they offer. Further information may be obtained from any classical teacher at the College.

THE SHERMAN PRATT FACULTY FELLOWSHIPS FOR STUDY ABROAD

These fellowships are awarded by the President of the College to younger members of the Amherst Faculty, on the basis of past performance in teaching and scholarship and programs for further study. The stipends may be fixed in such amount as the President may determine. Each holder of a Sherman Pratt Fellowship will be expected on his return to the College to deliver to the college body one or more lectures.

Prizes and Awards

The following prizes are offered annually for proficiency in the work of the several departments of collegiate study, and for other qualifications; the exact amounts awarded may vary slightly in cases which depend on the annual income of certain funds.

ADMISSION PRIZE

THE PORTER ADMISSION PRIZE, from the income of a fund of \$1,100, given by the late Eleazer Porter of Hadley; \$40 is awarded each year to the member of the entering freshman class who is judged to have the best general record on the College Board tests taken for admission to Amherst. The name of the successful candidate, together with that of his school, is published in the catalogue.

WILLIAM BRUCE HAWKINS, JR., '51
Classical High School, Springfield, Mass.

ENGLISH

THE ARMSTRONG PRIZE, from the income of a fund of \$1,150, given by Collin Armstrong of the class of 1877 in memory of his mother Miriam Collin Armstrong, awarded in the form of books to the value of \$45 to members of the freshman class who excel in composition.

Divided equally between
HENRY WAY KENDALL, '50
HAROLD HOLMES OWEN, '50

THE COLLIN ARMSTRONG POETRY PRIZE, from the income of a fund of \$1,150, given by Mrs. Elizabeth H. Armstrong; \$45 is awarded to the undergraduate author of the best original poem or group of poems.

JAMES INGRAM MERRILL, '47

THE JOHN FRANKLIN GENUNG PRIZE, of \$50, given each year anonymously in memory of Professor Genung, is awarded to that member of the junior or senior class who excels in prose composition.

WILLIAM SKELLY BURFORD, '48

THE HARRY RICHMOND HUNTER, JR. PRIZE, from the income of a fund of \$1,300, given by H. R. Hunter and Emma Louise Hunter in memory of their son, Harry Richmond Hunter, Jr. of the class of 1929; \$50 is awarded to that member of the sophomore class who presents the best essay on a topic approved by the English department.

DAVID RUSSELL FERRY, '46

GREEK

THE HUTCHINS PRIZE, from the income of a fund of \$1,200, given by the late Waldo Hutchins of the class of 1842; \$45 is awarded to the best scholar in Greek at the end of the junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department but special studies and examinations may also be required of the candidates.

No award

THE WILLIAM C. COLLAR PRIZE, from the income of a fund of \$1,200 given by the late William C. Collar of the class of 1859; \$45 is awarded to that member of the freshman class who shall make on a written examination the best version in English of a previously unseen page from some Greek author.

FRANK MARCUS LEMP, '50

LATIN

THE BERTRAM PRIZES, from the income of a fund of \$1,700, given by the late John Bertram of Salem; two prizes of \$35 and \$30 each are awarded to those students who, together with attaining a high average in Latin, present the best essays on some approved topic connected with the senior Latin course.

WILLIAM EVANS MILLER, JR., '45

THE BILLINGS PRIZES, from the income of a fund of \$1,100, given by Frederick Billings in memory of Parmly Billings of the class of 1884; two prizes of \$25 and \$15 are awarded for general excellence in the work of the sophomore year together with the best essays on special topics connected with the authors read in that year.

No award

THE FRESHMAN PRIZE, part of the income of an anonymous fund of approximately \$1,800; two prizes of \$25 and \$15 are awarded for the highest scholarship in the Latin of the freshman year. The award is determined by the reading at sight of pages from Cicero, Livy, Horace, and Ovid.

Divided equally between

FRANK MARCUS LEMP, '50

ANTHONY GEORGE ZULFER, JR., '50

THE JUNIOR PRIZE, part of the income of an anonymous fund of approximately \$1,800; a prize of \$30 is awarded to the student who, together with attaining a high average in Latin, presents the best essay on some approved topic connected with the junior Latin course.

No award

MATHEMATICS, PHYSICS, AND ASTRONOMY

THE PORTER PRIZES, from the income of a fund of \$550, given by the late Eleazer Porter of Hadley; two prizes of \$10 each are awarded for proficiency in first year physics and astronomy respectively.

Physics

CARL RICHARD WOESE, '50

Astronomy

ROBERT HENRY GLAZIER, '48

THE WALKER PRIZES, part of the income of a fund of \$6,000, given by the late William J. Walker of Newport, Rhode Island; two prizes of \$50 and \$25 are awarded for proficiency in mathematics of the first year, and two prizes of \$75 and \$35 for proficiency in mathematics of the second year. In each case the award is determined by an examination.

First Year

First Prize

ROBERT ALAN HUGGINS, '50

Second Prize

TERRENCE DALE GARRIGAN, '50

Second Year

Combined and divided equally between

FRANK CARLISLE HARTZELL, JR., '50

CARL RICHARD WOESE, '50

PUBLIC SPEAKING AND DRAMATICS

THE BANCROFT PRIZES, of \$125 and of \$100, from the income of a fund of \$5,800 given by the late Frederic Bancroft of the class of 1882; awarded to the two members of the senior class who produce the best orations. Both composition and delivery are considered in making the awards.

No award

THE BOND PRIZE, from the income of a fund of \$2,200 given by the late Ephraim W. Bond of the class of 1841; \$100 is awarded for the best production spoken at the Senior Chapel service. The award is determined by a committee appointed by the Trustees upon nomination by the Faculty.

JOHN MEANS THOMPSON, III, '46

THE HARDY PRIZES, from the income of a fund of \$1,100, given by the late Alpheus Hardy of Boston; prizes of \$25 and \$15 are awarded for excellence in extemporaneous speaking.

First Prize

DAVID BECKWITH ALLEN, '47

Second Prize

HOWARD MARK ROELOFS, '44

THE KELLOGG PRIZES, from part of the income of a fund of \$41,600, given by the late Rufus B. Kellogg of the class of 1858; two prizes of \$60 each are awarded, one to a member of the sophomore class and one to a member of the freshman class, for excellence in declamation.

Sophomore Class

Divided between

JOHN JOSEPH SCANLON, '50

DAVID PAUL CONROY, '46

Freshman Class

Divided equally between

WALTER THOMAS LUNDELL, '50

REED FRANCIS STEWART, '50

THE ROGERS PRIZE, from the income of a fund of \$1,100, given by Noah C. Rogers of the class of 1880; \$40 is awarded to a member of the junior class for excellence in debate.

ROBERT LEINBACH LEININGER, '44

THE RAYMOND KEITH BRYANT PRIZE, an annual gift of \$25 from Robert E. and Ethel M. Bryant in memory of their son, Raymond Keith Bryant, of the class of 1936, is awarded to that undergraduate who, in the opinion of a board of judges, gives the best single performance of the year in a Masquers' play.

No award

OTHER PRIZES

THE SAWYER PRIZES, from the income of a fund of \$1,800, given by the late Edmund H. Sawyer, hon. 1878; \$70 is available for prizes for excellence in the department of Physical Education.

Senior Class

MARSENA PARKER BUTTS, '45

Sophomore Class

DONALD HENRY PICKARD, '49

THE RALPH WALDO RICE PRIZE, from the income of a fund of \$1,200, given by Mrs. Mary Rice Jenkins in memory of her brother, Ralph Waldo Rice, of the class of 1910; \$40 is awarded for the best essay on "The Liberal College and Christian Citizenship" or any other subject named by the Faculty.

No award

THE ANNA BAKER HEAP PRIZE, from the income of a fund of \$1,300, given by the late Arnold N. Heap of the class of 1873; \$50 is awarded to that Senior who submits the best essay in the field of "Art."

No award

THE JOHN GOUGH HOWARD PRIZE, an annual gift of \$25 from the class of 1919 in memory of their classmate, John Gough Howard, Editor-in-Chief-elect of the *Amherst Student*, killed in military service in May, 1919, is awarded at the end of the college year to that member of the Editorial Board of the *Amherst Student* or to the author of a communication appearing in its columns, who, in the opinion of a Board of Judges, has written, prior to May first, the best editorial or communication aiming to influence undergraduate opinion.

No award

THE MOSELEY PRIZES, from the income of a fund of \$6,800, given by the late Thomas W. H. Moseley of Hyde Park; two prizes of \$170 and \$85 are awarded to members of the senior class for the best essays on a subject approved by the Department of Philosophy and Religion.

No award

THE DENSMORE BERRY COLLINS PRIZE IN POLITICAL SCIENCE, of \$100, given by Miss Margaret S. Densmore in memory of her nephew Densmore Berry Collins, of the class of 1940; awarded in 1945-1946 for the best essay submitted by an undergraduate student in political science on the topic, "Is Economic Planning Compatible with the Democratic Structure of Government?"

Divided equally between

SCHUYLER LOOMIS SEWARD '46

HOWARD KAMBER SHAPAR, '45

The topic for 1947-1948 will be: "Can Internationalism Compete with other Beliefs?"

THE HOWARD HILL MOSSMAN TROPHY, awarded annually to the member of the senior class, who, in the opinion of a committee consisting of the President of the College, the Dean, the Director of

Intercollegiate Athletics, the Professor of Physical Education, and the President of the Student Council, has brought, during his four years at Amherst, the greatest honor in athletics to his Alma Mater—the word “honor” to be interpreted as relating both to achievement and to sportsmanship.

TALCOTT WILLIAMS SEELYE, '44

THE LINCOLN LOWELL RUSSELL PRIZE, from the income of a fund of \$1,100 given by the late J. W. Russell, Jr. of the class of 1899 in memory of his son; \$40 is awarded to that member of the graduating class who has done most to foster the singing spirit in Amherst College.

PERRY ROBERTS WILLIAMS, '45

THE STANLEY V. and CHARLES B. TRAVIS PRIZE, from the income of a fund of \$2,200, given by the late Charles B. Travis of the class of 1864; \$80 is awarded to that member of the graduating class who has made the most improvement as a man and as a scholar during his college course.

Divided equally between

DEXTER RICHARDS HUNNEMAN, JR., '45

ALFRED HOWARD SCHRASHUN, '45

THE WOODS PRIZE, an annual gift of \$60 in memory of the late Josiah B. Woods of Enfield, is awarded for outstanding excellence in culture and faithfulness to duty as a man and as a scholar—particular attention being given in any prominent case to improvement during the four years' course.

Divided equally between

DEXTER RICHARDS HUNNEMAN, JR., '45

ALFRED HOWARD SCHRASHUN, '45

THE PSI UPSILON PRIZE, from the income of a fund of approximately \$4,300, established by the Gamma Chapter of Psi Upsilon in 1941 on the occasion of the Centennial Anniversary of the founding of the Chapter; \$140 is awarded to that member of the graduating class who, in the opinion of a committee consisting of the President of the College,

the Dean, and the Director of Physical Education, is considered to be, in the terms of the Ancient Athenian oath,* the "first citizen" of the College.

TALCOTT WILLIAMS SEELYE, '44

THE TREADWAY INTERFRATERNITY SCHOLARSHIP TROPHY, a silver cup, given by Hon. Allen Treadway of the class of 1886, in memory of his son, Charles Denton Treadway, awarded to that fraternity or the group of all non-fraternity men which has attained the highest scholastic average during the previous academic year.

THE LORD JEFFERY AMHERST CLUB

THE FRANK FOWLER DOW PRIZES, part of the income from a fund given by Fayette B. Dow, '04, in memory of his father; \$300 is awarded to a member or members of the junior or senior class preparing to enter medical school, and whose undergraduate work indicates a career of usefulness and distinction in medicine.

Divided equally between

JOHN STANFORD, '45

ROBERT SAMSON WEDEEN, '46

THE SAMUEL BOWLES PRIZE, from the income of a fund of \$3,200 bequeathed by the late Samuel Bowles King, '02; to stimulate interest in journalism as a career, a prize of \$125 is awarded to a student of the junior or senior class who has demonstrated proficiency in journalism.

New Prize 1947-1948

OBED FINCH SLINGERLAND MEMORIAL PRIZE, from the income of a fund given by an anonymous donor; \$75 is awarded by the Trustees of the College to that member of the junior class, who, during his first three years at Amherst, has shown by his own determination and accomplishment the greatest appreciation of and desire for a college education; the award to be based upon demonstrated achievement with full consideration given to the external handicaps, financial and other-

*"I will not disgrace the soldier's arms, nor abandon the comrade who stands at my side; but whether alone or with many, I will fight to defend things sacred and profane. I will hand down my country not lessened, but larger and better than I have received it. I will accept readily and with understanding the verdicts of our judges, and I will obey the established laws and such other laws as the people may establish. If anyone shall attempt to overthrow the laws, I will not permit it, but whether alone or with many, I will fight to defend them; and I will honor the religion of our fathers. The gods attest this oath!"

wise, under which his record was attained; in case of uncertainty the Trustees are to be guided by the example set by Obed Finch Slingerland.

New Prize 1947-1948

PRIZE SCHOLARSHIPS

THE HARVEY BLODGETT SCHOLARSHIP, from the income of a fund of \$2,200, established by Frederick H. Blodgett in memory of his grandfather, Harvey Blodgett of the class of 1829, is awarded to aid student work in biology and geology in their educational phases as distinct from their more technical and strictly scientific phases: combined with

THE PHI DELTA THETA SCHOLARSHIP, from the income of a fund of \$500, established by the Phi Delta Theta Fraternity, is awarded as a scholarship at the Woods Hole Marine Laboratory to a student for proficiency in biology.

Divided between

WILLOUGHBY GOODSMITH, '48

DONALD HARTWELL BUCKLIN, *Graduate Student*

(The two preceding scholarships usually are combined and awarded as one. The award for 1947-1948 will be \$100.)

THE ADDISON BROWN SCHOLARSHIP, from the income of a fund of \$5,600, bequeathed by the late Addison Brown of the class of 1852; \$215 is awarded to that member of the senior class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman, sophomore, and junior years.

FREDERICK EUGENE BAILEY, JR., '49

THE SAMUEL WALLEY BROWN SCHOLARSHIP, from the income of a fund of \$5,600, given by the late Samuel Walley Brown of the class of 1866; \$215 is awarded to that member of the sophomore class who at the end of his sophomore year shall in the estimation of the Trustees rank highest in his class in character, class leadership, scholarship, and athletic ability.

HARRY GEORGE BARNES, JR., '47

THE JOHN SUMNER RUNNELLS MEMORIAL, from the income of a fund of \$5,700, given in memory of John Sumner Runnells of the class of 1865; \$220 is awarded to that member of the sophomore class who shall in the opinion of the Trustees of the College be preëminent in his zeal for knowledge and industry to attain it.

FRANK CARLISLE HARTZELL, JR., '49

THE FRANK A. HOSMER SCHOLARSHIP, from the income of a fund of approximately \$13,800 established by Frank A. Hosmer of the class of 1875; \$535 is awarded to that member of the sophomore class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman year.

THOMAS PAUL MULLEN, '50

THE HARRY DE FOREST SMITH SCHOLARSHIP, of \$450, is awarded to a member of the freshman class enrolled in one of the regular courses in the department of Greek. The award is made on the basis of an examination given at the candidate's school in the March preceding his entrance to college. Students who have had either two or three years of Greek at school are eligible for this scholarship.

No award

Degrees Conferred June 15, 1947

BACHELOR OF ARTS

Summa cum Laude

Leo Peter Arnaboldi, Jr., *Economics*

Richmond Mayo-Smith, Jr., *Biology*

James Ingram Merrill, *English*

Magna cum Laude

Myron Boluch

Political Science

Pierre Albert Carrus

Mathematics

David Tredwell Cattell

History

John Bates Clark

Biology

Calvin Lee Damp

History

Thomas Bonner Flanagan

English

Julian Howard Gibbs

Chemistry

Hyman Edward Mechaber

History

James Olds

Philosophy

Sumner Chilton Powell

American Studies

Alfred Howard Schrashun

French

Talcott Williams Seelye

History

Alexander Conn Sherrard, II

Economics

John Edward Soleau

Economics

John Means Thompson, III

History

Cum Laude

Donald Wesley Alfvén

Economics

Richard Anthony Ballman

Geology-Geography

William Jeremiah Thomas Connelly

History

Louis Aldo DeSanti

Political Science

Evan Fotos

Political Science

Melville Coulter Hill, Jr.

Economics

George Homer Lane, Jr.

Physics

Franklin Pennoyer Little

English

Howard Allen MacLeod

Philosophy

Hunter Lenon Martin, Jr.

Political Science

Archie Allen Messenger

Economics

William John Mortimer

History

John David Owens

History

Sidney Dillingham Pinney, Jr.

Mathematics

Frank Webber Poland, Jr.

English

William Case Prentiss

Chemistry

William Gerard Reynolds, Jr.

History

Howard Mark Roelofs

History

John Martin Sanders

Mathematics

John Irving Scott

Chemistry

Schuyler Loomis Seward

Philosophy

Bruce Kennedy Skipton

History

Martin Addison Smith

French

Richard Cowles Spaulding

Political Science

Emmons Johnson Williams

Economics

Frederick Sumner Willis

*History**Rite*

Douglas Burnham Abbey

William Chauncey Abbott, Jr.

David Beckwith Allen

James Brown Ammon

William Lees Atwood

John Richard Auchter

Frank Lusk Babbott, Jr.

Richard Sterling Banfield, Jr.

Charles Bates Baron

Richard Guildford Bateson

Walter Van Dyk Bayer, Jr.

John Barton Bean

Frederic Alan Beck

Karl Judson Bohmer

Perley Howell Boone, Jr.

James Marsh Bradbury

William Jeremiah Brick, Jr.

Howard Donald Brown, Jr.

William Vance Burrow

Jay Wellington Butts, Jr.

Marsena Parker Butts

Robert Michael Byrne

George Patrick Carlin

Richard Lawrence Carrie

Robert Sterling Carson

Everett Addison Clark

Ira Cohen

Robert Grant Conner

Michael Augustine Connor, Jr.

Edward Melvin Crabtree

Theodore Lamont Cross, II

David Roy Cumming

Robert Bruce Daniels

John Prentice Denio

Francis Daniel Dibble

Daniel Eggleston Dick

Richard Beatty Donaldson

Clyde Emerson Duncan, II

Thomas Alexander Ehrgood

Alexander Chadbourne Eschweiller, III

Robert Houghton Esty

William Robert Falkin, Jr.

Richard Fogg Filbin

Robert Atcheson Finsthwait

Roswell Darling Fox

George Van Derveer Gallenkamp

Lion Gardiner, Jr.

Lynn Gardner Goodnough, Jr.

Vernon Detweiler Gotwals, Jr.

Donald Ross Grant

Kimball Sawyer Green

Theodore Reuben Haley

George Branin Hallowell, Jr.

Gerald Lee Halterman

Richard Bradford Hamilton	Alan Warnock Myers
George Worthington Harstedt, Jr.	Thomas Pomphret Francis Nally
Curtis Rose Hatheway, Jr.	James Matthews Neil
Fred Randall Havens	John Ray Neuhoﬀ
Richard Hamilton Hayden	Edward Noonan Ney
Robert Spier Hebert, Jr.	Robert Joseph O'Connor
Charles Cornelius Heisler	Stafford Palmer Osborn
Howard Jones Henderson, Jr.	Clayton Palmer Packard, Jr.
Ernest Arthur Holthausen, Jr.	Sidney Hall Paige
David Rufus Howes	Henry Walter Pemberton
Louis Hubshman, Jr.	Walter Joseph Pfizenmayer, Jr.
Dexter Richards Hunneman, Jr.	Deane Henderson Phillips
David Gould Hunting	George Gilbert Pierce
William Edward Doyle Jantzen	Charles Egbert Pierson
Robert Stone Judge	Seward Ellsworth Pomeroy
Lester George Kalt	Robert Curtis Preble, Jr.
Russell Morton Keith	Amos Neal Prescott, Jr.
Joseph Keller Kindig, III	Henry Hammond Pride
Jerome Kirschbaum	John Jay Quinlan
Edward Charles Koenig, Jr.	Philip Hopkins Quinn
John Arthur Krum	Alexander Preston Reed, Jr.
Calvin Warren Lane	John Owen Rees, Jr.
George Whiton Leary	Charles Remsen
Daniel Leavitt	Robert Astley Rice, Jr.
William Clarence Liedtke, Jr.	Charles Challice Robinson
Charles Ray McCallum, Jr.	Harold McBain Ross, Jr.
Marlin Matheson Mackenzie	Warren Emerson Rouillard
John Manning McKeough	Harrison Schuyler Royce, Jr.
Norman Bruce McLeod	Frederick Henry Sacksteder, Jr.
Donald Woodbury McNeish	Harold Sheldon Salzman
John Harrison Madden, Jr.	Herman Frederick Scheurer, Jr.
George Read Martin, Jr.	Irwin Francis Sclar
Charles Frederick Mason	Robert Badger Seaver
John Groo Massee	Wallace Simrell Selkirk
Robert Henry Matthias	William Welles Sellew, Jr.
Raymond John Maxwell	William Leonard Shaw
Robert Wilbur Maynard	William Siegrist, III
David Louis Mead	Francis Wilson Smith
Amherst Wight Meeker	Thomas Alexander Sperry, Jr.
William Evans Miller, Jr.	Charles Flavius Squires
Douglas Duncan Milne, Jr.	John Stanford
George Ault Mosel, Jr.	Sanford Bertram Sternlieb
William Barnard Moses	David Stevens

Charles van Syckel Stirn
Edward Walmsley Stitt, III
Peter Ambrose Sullivan
William Brendan Sullivan
Millens Walter Taft, Jr.
John Francis Tehan, Jr.
Nathaniel Sterns Thayer, Jr.
Roscoe John Theibert, Jr.
David Herbert Thrailkill
Samuel Franksford Trull
Thomas Bardeen Walton, Jr.

Wilbur Sheridan Warrick
Edwin Herren Watkins
Brantley Alexander Weathers, III
William Hedgcock Webster
Cameron Kingsley Wehringer
Edward Norman Weintraub
David Charles Welch
Perry Roberts Williams
George Harold Wiltsie, Jr.
Hastings Arnold Woolley
Adolph Warren Zink

MASTER OF ARTS

David Thomas Chalkley
Howard Felshaw Drew

Degrees Conferred October 25, 1947

Summa cum laude

Walter Alfred Sedelow, Jr.
Howard Kamber Shapar

Magna cum laude

Howard Lee Gelin
Robert Samson Wedeen

Cum laude

Frank Walter Loiko
Donald Eugene Moser

Rite

William Albert Abberger, Jr.	Walter Ingalls Kingsley
John Fraser Andrews	Ray Kier Kuhns
James Madison Bartholow	William Jean Leventhal
Robert Loring Beatty	Herbert Miller Magram
Arnold Richardson Beaver	George Burnham May
Donald Walton Coyle	Harold Gilbert Nicol
John Edward Deady	Anthony Pardi
Monroe Mechling Diefendorf, III	Henry Wagner Parnass
Albert Howard Dunn, III	James Oren Reynolds
Martin Edwards, Jr.	Martin Hubert Sherwood
William Feick, Jr.	Kenneth Oldham Shrewsbury, Jr.
Charles Christopher Gadsden	Murray Sumner Silin
William Edwin Gazeley, Jr.	Samuel Black Sterrett
Benjamin Dichter Gordon	Howard Fenno Stirn
Harry Blakely Harvey, Jr.	John Leavitt Stoddard
Gilbert Phillips Heathcote	Robert Warren Sucsy
Lemuel Russell Jordan	Stuart Jordan Swensson, Jr.
Robert Lloyd Jordan	Donald Adrian Tase
George Alan Kaye	John McGill White

Honorary Degrees Conferred June 15, 1947

MEDALS FOR EMINENT SERVICE

Carroll Blakely Low
Harold Brown Cranshaw

MASTER OF ARTS

Ernest Marion Roberts
James Levin Ford

DOCTOR OF SCIENCE

Charles Richard Drew
John Jamieson Morton

DOCTOR OF HUMANE LETTERS

Abraham S. Wolf Rosenbach

DOCTOR OF DIVINITY

Charles Howard Cadigan
Wallace Witmer Anderson

DOCTOR OF LAWS

Hugh Potter Baker
Arthur Vining Davis
Stanley King*
George Catlett Marshall

* Conferred June 16, 1946.

IV

The Alumni Associations

Alumni Association

THE SOCIETY OF THE ALUMNI

(Annual Meeting in Commencement Week)

<i>Honorary President:</i>	CHARLES K. ARTER, '98
<i>President:</i>	ARTHUR F. ELLS, '02
<i>Vice Presidents:</i>	ARTHUR G. BAKER, '03 PAUL WELLES, '08 FRANK L. BABBOTT, JR., '13 ROBERT P. KELSEY, '18 J. LESLIE GIBSON, '23
<i>Nominating Committee:</i>	CARTER GOODRICH, '18, Chairman JAMES M. BREED, '03 HILLIARD A. PROCTOR, '13 HIRAM C. HAYDN, II, '28 C. CLARK STOVER, '33
<i>Inspectors of Election:</i>	GEORGE B. BURNETT, '10, Chairman MINER W. TUTTLE, '13 ROY R. BLAIR, '18
<i>Committee to Nominate Alumni Trustees:</i>	WILLIAM H. HITCHCOCK, '98, Chairman SAMUEL A. HOWARD, '17, <i>ex officio</i> RANDOLPH S. MERRILL, '13 PAUL D. BARTLETT, '28 JOHN JEPPSON, '38

THE ALUMNI COUNCIL OF AMHERST COLLEGE

<i>Chairman:</i>	ARTHUR F. ELLS, '02
<i>Secretary:</i>	J. ALFRED GUEST, '33
<i>Executive Committee:</i>	OLIVER B. MERRILL, '25, <i>Chairman</i> ARTHUR F. ELLS, '02, <i>ex officio</i> F. MARSENA BUTTS, '09 WILBUR F. BURT, '12 LEONARD P. MOORE, '19 ROBERT W. WILSON, '30 KENDALL B. DEBEVOISE, '35

REPRESENTATIVES OF CLASSES

1878	ARTHUR H. WELLMAN	1915	WILLIAM G. THAYER
1880	FRANK W. BLAIR	1916	LEO N. SHAW
1884	WALTER F. WILLCOX	1917	CHARLES J. JESSUP
1885	SHERROD SOULE	1918	PAUL A. CHASE
1887	RALPH S. ROUNDS	1919	HALVOR R. SEWARD
1888	ALBERT S. BARD	1920	GERALD A. JUDGE
1889	EDWARD FAIRBANK	1921	L. SUMNER PRUYNE
1890	EDWIN S. HUNT	1922	STUART C. FRAZIER
1891	ROBERT S. WOODWORTH	1923	RICHARD B. COWAN
1892	ALLAN P. BALL	1924	HARRY B. MARTIN
1893	THOMAS C. ESTY	1925	OLIVER B. MERRILL
1894	CORNELIUS S. HURLBUT, JR.	1926	JOHN H. MCBRIDE
1895	WILLIAM J. BOARDMAN	1927	KENNETH P. HIGGINS
1896	WILLIAM D. STIGER	1928	JOHN P. GRANT
1897	ROBERT S. FLETCHER	1929	RICHARD D. BUCKLEY
1898	RICHARD H. GREGORY	1930	STEPHEN W. GRANT
1899	HENRY P. KENDALL	1931	FREDERICK H. ALLEN
1900	ROBERT L. GRANT	1932	WILLIAM H. RAYE, JR.
1901	LOUIS N. GRANT	1933	GRANT N. NICKERSON
1902	FREDERICK B. CROSS	1934	ROGER W. BENNETT
1903	ALBERT W. ATWOOD	1935	RICHARD KING
1904	ERNEST M. WHITCOMB	1936	GEORGE E. MCPHERSON, JR.
1905	JOHN J. RAFTERY	1937	JAMES P. WILKERSON
1906	L. DUDLEY FIELD	1938	RICHARD W. POOR
1907	ROSWELL G. BILLINGS	1939	WILLIAM W. STIFLER, JR.
1908	T. CLARENCE HEISEY	1940	JAMES T. HOUGHTON, JR.
1909	GEORGE F. LEARY	1941	ROBERT INGRAHAM, JR.
1910	FRANK D. RUGG	1942	ROBERT T. PFEIFER
1911	EDMUND S. WHITTEN	1943	HARRY A. SINCLAIRE
1912	C. FRANCIS BEATTY	1944	HENRY F. DUNBAR, JR.
1913	JAMES A. TILDEN, JR.	1945	ROBERT A. FINSTHWAITE
1914	LOWELL SHUMWAY	1946	JOHN E. SOLEAU

REPRESENTATIVES OF ALUMNI ASSOCIATIONS

Amherst Club of New York	HAROLD J. BAILY, '08
Amherst Club of New York	LOWELL SHUMWAY, '14
Arizona	WILLIAM H. CREAMER, '36
Boston	KENNETH R. MACKENZIE, '21
Boston	L. SUMNER PRUYNE, '21
Buffalo	NELSON STONE, '13
Central Massachusetts	HILTON CUNNINGHAM, '33
Central New York	FREDERICK P. SMITH, '08
Chicago	FRANK A. WATKINS, '96
Cleveland	MERRILL H. BOYNTON, '16
The Columbia	COLIN LIVINGSTONE, '14
Columbus	COLLIS GUNDY LANE, '26
Connecticut	LEONARD P. KIMBALL, '22
Connecticut Valley	THOMAS F. WHITBREAD, '30
Eastern New York	ALFRED C. HAVEN, '18
Indiana	FREDERIC M. HADLEY, '28
Michigan	D. WEBSTER MCKINLEY, '39
Nebraska	ROBERT I. STOUT, '13
New York	CARROLL B. LOW, '17
New York	CLARENCE E. NELSON, '21
Northern California	NED R. POWLEY, '08
Northwest	HARRY W. ZINSMASTER, '08
Philadelphia	EDWARD M. SCHELLENGER, '20
Rhode Island	MAURICE STEARNS, '02
Rochester	WILLIAM J. BABCOCK, '11
Rocky Mountain	ROBERT S. MCCOLLUM, '38
St. Louis	HUGH H. C. WEED, '05
Southeast	INGRAM DICKINSON, '26
Southern California	HAMILTON PATTON, '13
Western Pennsylvania	ROBERT MUNROE, III, '17
Washington State	STUART C. FRAZIER, '22

MEMBERS AT LARGE

MINER D. CRARY, '97	LESLIE S. BAKER, '21
ARTHUR F. ELLS, '02	C. E. HOOPER, '21
F. MARSENA BUTTS, '09	JOHN A. HILL, '25
WILBUR F. BURT, '12	OLIVER B. MERRILL, '25
LEONARD P. MOORE, '19	ROBERT W. WILSON, '30
KENDALL B. DEBEVOISE, '35	

Eastern and Southern Associations

THE ASSOCIATION OF BOSTON AND VICINITY

HAROLD B. CRANSHAW, *President*

32 Cambridge St., Charlestown

GUILBERT Q. WALES, *Secretary*

493 C St., Boston 10

THE ASSOCIATION OF CENTRAL MASSACHUSETTS

W. DANFORTH HAYES, *President*

Worcester Telegram Office, Worcester

JOHN JEPSON, *Secretary*

87 Sagamore Rd., Worcester

THE CONNECTICUT VALLEY ASSOCIATION

EDWIN L. OLANDER, *President*

21 Massasoit St., Northampton

FREDERICK B. CROSS, *Secretary*

34 Pineywoods Ave., Springfield

THE ASSOCIATION OF CONNECTICUT

ALBERT J. NICHOLS, *President*

R.F.D., Avon

BENJAMIN P. TERRY, *Secretary*

10 Pine Rd., West Hartford

THE ASSOCIATION OF RHODE ISLAND

JOHN E. MARSHALL, *President*

24 North Main St., Providence

EDWIN H. HASTINGS, *Secretary*

1030 Hospital Trust Bldg., Providence

THE ASSOCIATION OF NEW YORK

OLIVER B. MERRILL, *President*

48 Wall St., New York

HOWARD O. COLGAN, JR., *Secretary*

15 Broad St., New York

THE AMHERST CLUB OF NEW YORK

HAROLD J. BAILY, *President*

32 Liberty St., New York

HOWARD O. COLGAN, JR., *Secretary*

15 Broad St., New York

THE ASSOCIATION OF EASTERN NEW YORK

ALFRED C. HAVEN, *President*

158 State St., Albany

PRENTICE J. RODGERS, *Secretary*

60 State St., Albany

THE ASSOCIATION OF CENTRAL NEW YORK

THOMAS F. KERNAN, *President*

311 Parsons Dr., Syracuse

WILLIAM H. GREENE, *Secretary*

308 Brookford Rd., Syracuse

THE ASSOCIATION OF BUFFALO AND VICINITY

JOHN W. LIVINGSTONE, *Secretary*

200 Lancaster Ave., Buffalo

THE ASSOCIATION OF ROCHESTER AND VICINITY

HAROLD L. SMITH, *President* 165 Stonedcliff Dr., Rochester
ALLEN C. BOUCHER, *Secretary* 125 Golfside Parkway, Rochester

THE ASSOCIATION OF PHILADELPHIA

JAMES M. SELBY, *President* 5235 Whitby Ave., Philadelphia
THEODORE S. ROWLAND, *Secretary* 116 Rosemont Lane, Abington

THE ASSOCIATION OF WESTERN PENNSYLVANIA

WILLIAM J. KYLE, JR., *President* 1025 Union Trust Bldg., Pittsburgh
ALBERT A. SNOWBALL, *Secretary* 52 Richmond Circle, Rolling Hills, Pittsburgh

THE ASSOCIATION OF THE SOUTHEAST

RAYMOND P. WHEELER, *President* Anniston, Alabama
MACGREGOR FLANDERS, *Secretary* Beechwood Ave., N.W., Route 10, Atlanta, Ga.

Central and Far Western Associations

THE ASSOCIATION OF CLEVELAND AND VICINITY

HERBERT M. WALKER, *President* The Walker China Co., Bedford
ANDREW MELDRUM, *Secretary* Republic Building, Cleveland

THE ASSOCIATION OF COLUMBUS AND VICINITY

STUART E. PRICE, *President* 233 Preston St., Columbus
HAROLD R. NELSON, *Secretary* Battelle Memorial Institute, Columbus

THE ASSOCIATION OF INDIANA

FREDERIC M. HADLEY, *President* 6240 No. Sherman Dr., Indianapolis
FRANCIS H. INSLEY, *Secretary* 558 N. Audubon Rd., Indianapolis

THE ASSOCIATION OF MICHIGAN

GEORGE W. WILLIAMS, *President* 542 Lakeland Ave., Grosse Pointe
DONALD A. WALKER, *Secretary* *Detroit Free Press*, Detroit

THE AMHERST CLUB OF CHICAGO

EDWARD J. BURNELL, *President* 135 So. LaSalle St., Chicago
LESLIE H. KERR, JR., *Secretary* 2645 Orrington Ave., Evanston

THE ASSOCIATION OF WISCONSIN

HARTLEY JOYS, *President* 2018 East Edgewood Ave., Milwaukee
PHILIP W. ORTH, *Secretary* 9708 N. Lake Dr., Milwaukee

THE ASSOCIATION OF ST. LOUIS

JAMES P. WILSON, *President* 8025 Forsythe, Clayton
JOHN BRODHEAD, JR., *Secretary* 29 Kingsbury Pl., St. Louis

THE ASSOCIATION OF THE NORTHWEST

WILLIAM L. LUCE, *President* 840 Baker Bldg., Minneapolis
RICHARD M. DOBSON, *Secretary* 2700 Forshay Tower, Minneapolis

THE ASSOCIATION OF ARIZONA

ARTHUR G. BAKER, *Secretary* The Bank of Arizona Bldg., Prescott

THE ASSOCIATION OF SOUTHERN CALIFORNIA

KNOWLTON FERNALD, *President*
Phoenix Mutual Life Ins. Co., 530 W. 6th St., Los Angeles
FREDERIC A. STOTT, *Secretary* 1220 Maple Ave., Los Angeles

ROCKY MOUNTAIN ASSOCIATION

DAVID C. BOLE, *President* 660 Ash St., Denver
ROBERT S. MCCOLLUM, *Secretary*
The Auto Equipment Co., 14th and Lawrence Sts., Denver

THE ASSOCIATION OF NORTHERN CALIFORNIA

J. WORDEN ELWOOD, *President* 420 Taylor St., San Francisco
C. SELBY MASON, *Secretary* 140 New Montgomery St., San Francisco

THE ASSOCIATION OF WASHINGTON

WELLES R. WILEY, *President* 3533 46th Ave., N.W., Seattle
GORDON SPENS, *Secretary* Box 254, Mercer Island

THE ASSOCIATION OF THE COLUMBIA

LEWIS J. BRONAUGH, *President* 742 S.W. Vista Ave., Portland
LINCOLN S. FERRIS, *Secretary* Multnomah

Appendices

Appendix I

AMHERST COLLEGE

The corporate name of the institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

A list of the Presidents of the College, with their terms of service, follows:

REV. ZEPHANIAH SWIFT MOORE, D.D.....	1821-1823
REV. HEMAN HUMPHREY, D.D.....	1823-1845
REV. EDWARD HITCHCOCK, D.D., LL.D.....	1845-1854
REV. WILLIAM AUGUSTUS STEARNS, D.D., LL.D.....	1854-1876
REV. JULIUS HAWLEY SEELYE, D.D., LL.D.....	1876-1890
MERRILL EDWARDS GATES, PH.D., LL.D., L.H.D.....	1890-1899
REV. GEORGE HARRIS, D.D., LL.D.....	1899-1912
ALEXANDER MEIKLEJOHN, PH.D., LL.D.....	1912-1924
GEORGE DANIEL OLDS, LL.D.....	1924-1927
ARTHUR STANLEY PEASE, PH.D., LL.D.....	1927-1932
STANLEY KING, LL.D.....	1932-1946
CHARLES WOOLSEY COLE, PH.D., L.H.D., LL.D.....	1946-

Appendix II

SUMMARY OF ENROLLMENT 1947-48 UNDERGRADUATES

By Classes:

Seniors	216
Juniors	276
Sophomores	416
Freshmen	255
<hr/>	
Total	1163

By Residence

Massachusetts	271	Iowa	1
New York	256	Louisiana	1
New Jersey	108	Oregon	1
Connecticut	89	South Carolina	1
Pennsylvania	88	Puerto Rico	4
Ohio	66	Canada	2
Illinois	54	France	2
Missouri	31	Sweden	2
Rhode Island	27	Uruguay	2
Michigan	23	Burma	1
Minnesota	15	Chile	1
Wisconsin	13	China	1
Maryland	12	Hawaii	1
California	12	Liberia	1
New Hampshire	11	Norway	1
Washington, D. C.	11	Paraguay	1
Indiana	8	Venezuela	1
Delaware	6		
Maine	6		
Florida	5	OTHER STUDENTS	
Virginia	5	Fellows	25
Vermont	4	Graduate students	19
Colorado	2	Special students	2
Kentucky	2	<hr/>	
North Carolina	2	Total	46
Oklahoma	2		
Tennessee	2	TOTAL ENROLLMENT	
Texas	2	Undergraduates	1163
Washington	2	Other students	46
Alabama	1	<hr/>	
Arizona	1	Total	1209

Appendix III

SCHOLARSHIP FUNDS

The following is a list of the Scholarship Funds of the College, aggregating over \$1,200,000, the income of which or part thereof is available for Scholarships and other forms of Student Aid.

Adams Benevolent Fund.....	\$ 6,082.85
Frederick S. Allis Scholarship Fund.....	4,065.00
The Anderson Scholarship.....	1,870.00
Frank L. Babbott.....	10,000.00
Lydia Richardson Babbott Endowment Fund.....	50,000.00
Danforth Keyes Bangs.....	4,000.00
Edmund P. and Susan Marvin Barker.....	8,107.06
Ivory H. Bartlett.....	5,000.00
Albion F. Bemis.....	2,000.00
Dolly Coleman Blake.....	1,000.00
The Borden Scholarship.....	1,870.00
William Louis Bray, Class of 1858.....	100.00
Alexander H. Bullock.....	1,500.00
John A. Callahan.....	7,395.57
Joseph Carew.....	1,046.40
George Bradley Carter 1906.....	2,000.00
Centennial Gift, a part of.....	123,400.00
The Charitable Fund.....	116,999.66
Edwin Clapp.....	4,624.99
Jefferson Clark.....	10,000.00
The Louis F. Clark Scholarship Fund.....	10,000.00

Class Gifts:

1826	\$ 500.00
1831	1,255.00
1836	1,250.00
1839	1,200.00
1844	500.00
1845	1,000.00
1846	1,000.00
1849	1,000.00
1850	1,230.00
1852	1,000.00
1853	1,500.00
1855	1,121.83

Class Gifts (*continued*)

1856	\$ 1,000.00
1857	1,500.00
1858	1,250.09
1859	2,650.00
1860	3,000.00
1861	3,000.00
1865	1,008.31
1869	1,670.76
1871	2,186.11
1877	2,500.00
1880	3,038.96
1897	5,000.00
E. C. Converse.....	50,000.00
Composite-Classes of 1829-35-38-66-67-70.....	1,262.28
George Cook.....	1,050.00
William Lyman Cowles, Class of 1878.....	3,000.00
Miner D. Crary Scholarship.....	12,112.50
William Cutler and Harriette Gilbert Cutler Memorial Scholarship	15,520.00
Day Benevolent Fund.....	5,000.00
Enos Dickinson	1,258.33
Sidney and Hannah Dillon.....	5,000.00
Dodge Fund.....	4,841.38
Warren F. Draper.....	2,273.80
The Lucius R. Eastman Fund.....	10,000.00
James M. Ellis.....	5,056.11
Isaac D. Farnsworth.....	3,000.00
The Thos. P. Field Scholarship Fund.....	10,000.00
Fiske-Warren Scholarships.....	2,787.44
Emerson Gaylord.....	6,000.00
Henry Hill Goodell, Class of 1862.....	2,000.00
Harry P. Greeley Scholarship Fund.....	15,256.06
The Greene Scholarship.....	1,000.00
Henry Gridley, Class of 1862.....	2,060.49
Thomas Hale.....	1,000.00
George A. Hall.....	5,000.00
William Hilton.....	50,000.00
The Hitchcock Scholarship Endowment.....	11,270.00
George Frisbie Hoar.....	1,000.00
Clarissa Dodge Howard.....	10,000.00
Mary W. Hyde.....	1,000.00

Sarah B. Hyde.....	\$ 1,000.00
A. J. Johnson, Class of 1823.....	1,046.40
John C. Kimball.....	1,000.00
Eugene Kimball.....	2,000.00
Henry A. King, Class of 1873.....	5,000.00
Robert Murray Landis 1894 Scholarship Fund.....	13,344.48
Lucius J. Knowles.....	3,000.00
Henry Lobdell.....	2,000.00
Charlotte Procknow McClelland.....	459.77
Charles Merriam.....	2,414.23
Charles Morton Merrill.....	100,000.00
J. C. B. Miller, Class of 1869.....	1,000.00
Moore Beneficiary Fund.....	32,666.79
Anson Daniel Morse Memorial.....	2,500.00
Charles L. Morse.....	2,000.00
Charles Fitch Morse.....	225.00
Harold Ely Morse Memorial.....	2,500.00
John C. Newton.....	1,230.00
James H. Newton.....	1,000.00
La Verne Noyes Foundation.....	3,030.37
Edward H. Perkins, Jr.....	5,000.00
The Persian Scholarship.....	2,082.85
C. W. and E. B. Pierce Scholarship.....	5,000.00
Infirmary Aid Fund.....	2,100.00
President's Loan Fund.....	10,000.00
The Reed Scholarships.....	2,500.00
George Milton Reed.....	5,056.11
Emily B. Ripley.....	1,000.00
S. Robinson.....	3,000.00
E. Russell.....	8,000.00
Lowell Russell.....	1,041.43
John E. Sanford, Class of 1851.....	10,000.00
James S. Seymour.....	5,000.00
Harry deForest Smith Scholarship.....	1,413.75
Isaac F. Smith Student Loan Fund.....	5,978.87
Special 1901 Endowment Fund.....	25,000.00
Wells Southworth, Class of 1822.....	1,280.00
The Harold Parker Stevens Fund.....	36,569.60
Caleb Stimson.....	19,900.00
Stone Educational Fund.....	25,000.00
The Frederic M. Stone Scholarship.....	4,924.17
Henry E. Storrs.....	5,000.00
Charles Snow Thayer Scholarship.....	1,000.00

L. H. Thayer.....	\$ 5,000.00
Elizabeth W. McCormick Tucker.....	1,000.00
Quincy Tufts.....	2,000.00
Sarah Tuttle.....	1,041.43
W. S. Tyler, Class of 1830.....	1,000.00
George H. Watson Memorial.....	62,705.79
Edwin P. Wells.....	32,295.43
The Whitcomb Scholarship.....	12,000.00
Herbert Otis White.....	12,000.00
The Elmer W. Wiggins Fund.....	89,215.88
Harry Wilbur.....	5,000.00
Henry Lawrence Wilkinson Memorial.....	5,000.00
The Williams Scholarship.....	257.80
David Winslow.....	156.58
The Worcester Scholarship.....	5,000.00

Index

- Administration 29
 - Health and physical development 30
 - Occupational guidance 31
 - Records and reports 29
 - Rooms and board 29
 - Student discipline 29
 - Terms and vacations 29
- Admission 25
 - Application for 25
 - Cooperative program with M.I.T. 28
 - For veterans 26, 27
 - From other colleges 27
 - General information 25
 - Porter Admission Prize 99
 - Recommended preparation 25
 - Regents examinations 26
 - Scholastic aptitude and achievement tests 26
- Alumni Association 117
 - Members at large 119
 - Representatives of Classes 118
 - Representatives of Alumni Associations 119
 - Society of the Alumni 117
- Alumni Council 117
- Amherst—A Liberal College 18
- Amherst College Library 16
- Anthropology 41
- Assistants 14
- Associate 14
- Astronomy 41
- Attendance at college exercises 29
- Bachelor of Arts 36
- Beneficiary Aid 34
- Bills, payment of 32
- Biology 42
- Board 29
- Bond Fifteen 92
- Calendar 4, 5
- Charitable Fund Advisory Committee 17
- Chemistry 45
- Classics 47
- Committees of the Corporation 8
- Comprehensive fee 32
- Contents 3
- Cooperative program with M.I.T. 28
- Corporation of the College 7
- Courses of Instruction 41
- Degrees 36
 - With honors 93
 - Bachelor of Arts 36
 - Conferred 1947
 - Master of Arts 36
- Dormitory rooms 29
- Dramatic Arts 49
- Economics 50
- Education 53
- English 53
- Enrollment 126
 - by classes 126
 - by states 126
- Expenses 32
- Faculty 10
- Fees 32
- Fellows 14
- Fellowships 94
- Fine Arts 56
- Folger Shakespeare Library 20
- French 67

- Geography 57
- Geology 59
- German 70
- Greek 48
- Health and physical development 30
- History 61
- Hitchcock Memorial Room 16
- Honorary Degrees 114
- Honors 92
 - Bond Fifteen 92
 - Degree with honors 93
 - Phi Beta Kappa 92
- Humanities 65
- Infirmary 31
- Instruction, courses of 41
- Italian 72
- Kirby Memorial Theatre 17
- Language requirements for class of
 - 1950 and preceding classes 38
- Language requirements for class of
 - 1951 and succeeding classes 38
- Latin 48
- Lectureships 91, 96
- Loan Funds 35
- Majors 36
- M.I.T.—cooperative program 28
- Master of Arts 36
- Mathematics 66
- Medals for Eminent Service 114
- Medical care 30
- Modern Languages 67
- Museum of Fine Arts 17
- Music 74
- Natural History Museum 16
- Occupational Guidance 31
- Officers of Administration 9
- Officers of the College 7
- Phi Beta Kappa 92
- Philosophy 76
- Physical Education 78
- Physics 78
- Porter Admission Prize 99
- Political Science 81
- Presidents of the College 125
- Prizes and Awards 99
- Psychology 84
- Public Speaking 85
- Records and reports 29
- Regents, N. Y. State 26
- Religion 86
- Representatives of Alumni Associations 119
- Representatives of Classes for Alumni Association 118
- Residents of Amherst 35
- Rooms 29
- Scholarships and beneficiary aid 34
 - for three upper classes 34
 - for incoming class 34
- Scholarship Funds 34, 127
- Scholarship prizes 106
- Scholastic Aptitude and Achievement Tests 26
- Science 87
- Snell Museum of Physics 16
- Society of the Alumni 117
- Spanish 73
- Student Activities Fee 32
- Student Discipline 29
- Student Loan Fund 35
- Summary of Enrollment 126
- Terms and vacations 29
- Trustees of the Corporation 7
- Tuition and fees 32
 - Residents of Amherst 35
- Veterans 26, 27

AMHERST COLLEGE

DRAWN BY R.B.G. JANUARY 1941

C.F.P. - REVISED NOVEMBER 1946

0 300 600 900 1200

SCALE IN FEET

INDEX TO CAMPUS BUILDINGS

NO. 1	THE PRESIDENT'S HOUSE
2	MORGAN HALL
3	COLLEGE HALL
4	CONVERSE LIBRARY
5	PRATT HALL
6	WALKER HALL
7	MORROW HALL
8	MOORE LABORATORY OF CHEMISTRY
9	FAYERWEATHER LABORATORY OF PHYSICS
10	COLLEGE GARAGE
11	SERVICE BUILDING
12	CENTRAL HEATING PLANT
13	BARRETT HALL
14	STEARNS CHURCH
15	PRATT MUSEUM
16	BIOLOGY LABORATORY
17	DAVENPORT SQUASH COURTS
18	HAROLD I. PRATT POOL
19	INDOOR ATHLETIC FIELD
20	ALUMNI GYMNASIUM
21	APPLETON HALL
22	SOUTH COLLEGE
23	JOHNSON CHAPEL
24	NORTH COLLEGE
25	WILLISTON HALL
26	OCTAGON
27	LITTLE RED SCHOOLHOUSE
28	INFIRMARY
29	KIRBY THEATER
30	HILLS STORE HOUSE
31	GROSVENOR HOUSE
32	VALENTINE HALL
33	NOAH WEBSTER HOUSE
34	PRATT FIELD HOUSE
35	VISITOR'S HOUSE
36	OBSERVATORY
37	FACULTY CLUB
38	JAMES HALL
39	STEARNS HALL
40	WAR MEMORIAL

FRATERNITIES

F-1	THETA DELTA CHI
F-2	PHI DELTA THETA
F-3	CHI PSI
F-4	PSI UPSILON
F-5	ALPHA DELTA PHI
F-6	DELTA KAPPA EPSILON
F-7	KAPPA THETA
F-8	PHI GAMMA DELTA
F-9	PHI KAPPA PSI
F-10	CHI PHI
F-11	BETA THETA PI
F-12	DELTA UPSILON
F-13	THETA XI
F-14	LORD JEFF CLUB



